

WILLIS NURSERY COMPANY

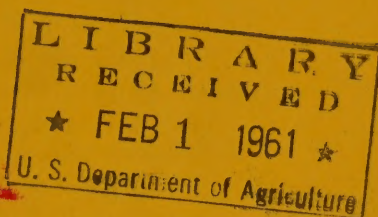
OTTAWA • KANSAS

Phone CHerry 2-2525

WHOLESALE PRICE LIST

Index — Outside Back Cover

SPRING, 1961



*90 Years of Service to the
Nursery Trade*



Plant America



"Your Wholesale Nurserymen"

Since 1871

Terms and Conditions of Sales

TERMS—2% discount for payments in ten days from date of invoice, net, 30 days, to those with established credit. C.O.D. orders must be accompanied by one-fourth cash. Packing will be charged at cost on all orders except bulk truck or car shipments. 6% interest charged on past due accounts. All supplies are net.

PRICES in this list cancel all previously published prices and are subject to change without notice. Order in multiples of 10 of a variety and grade. These prices apply on the following quantities:

Fruit Trees, Shade Trees, Shrubs, Vines and Perennials

300 or more @ 1000 rate (where published).

30 to 300 @ 100 rate.

10 to 30 @ 10 rate.

Under 10 @ 25% above 10 rate.

All grades and varieties in any class allowed to make total. For example: All fruit trees are considered one class, all shrubs one class, etc.

Small Fruits, Hedge-plants, Privet, and all Lining-out Stock

300 of same variety and grade @ 1000 rates.

Under 300 of same variety and grade @ 100 rates.

Evergreen, B & B.

30 trees (any assortment) @ 100 rate.

5 trees (any assortment) @ 10 rate.

Note: Classifications as given above are understood to be as listed under general headings in price list. For example: Fruit Trees, Vines, Shrubs, etc.

Broken lots of less than 10 of any one variety and grade will be billed at 25% above the 10 rate.

BOXES will be charged at cost. **BALES** will be charged at actual cost of material and labor. No charge for loading bulk trucks or cars.

SHIPPING—Please tell us how and when to ship your order, whether by rail freight, motor freight, or express, stating route if you have a preference. In the absence of definite instructions we will forward shipment the way we think best, without assuming responsibility. We are on the Santa Fe and Missouri Pacific railroads. **All shipments travel at risk and expense of purchaser.**

TRUCK DELIVERIES—Bulk truck deliveries to customer's place of business can be made to many points at rates as low, or lower, than local freight rates. If you prefer to call for your stock with your own trucks, we should have several days' advance notice so we can have the stock ready. **If you do not have a closed truck, be sure to bring a tarpaulin.**

NON-WARRANTY—We give no warranty, express or implied as to quality, life or productiveness of stock we sell. It is mutually agreed that our liability for stock proven untrue to name shall be limited to replacement or refund of original purchase price. All contracts subject to crop.

CLAIMS—All claims for any cause must be made in writing immediately upon receipt of goods. We will not entertain claims which are filed after goods have been accepted or which are not made within five days after arrival of stock.

SHRUBS

All of our shrubs are field-grown and graded according to the standards of the American Association of Nurserymen. Sizes noted in the descriptions indicate average height of shrubs at maturity. "Hortus Second" is the authority for most of the heights given.

Tied 12 to 18 in., 25; 18 to 24 in., and 2 to 3 ft., 10; 3 to 4 ft., 5 per bundle. Please order in full bundles.

ALMOND (*Prunus glandulosa*).

Pink Flowering. In early spring before the leaves appear the stems are covered with double pink flowers, making it very showy and highly ornamental. 3 to 5 feet.

	Per 10	Per 100	Per 1000
12 to 18 inches, own roots	3.50	30.00	—
White Flowering. Similar to the pink flowering form described above, but with white flowers.			
2 to 3 feet	6.50	60.00	—
12 to 18 inches	4.50	40.00	—

ALMOND, DWARF RUSSIAN (*Prunus tenella*). Low growing, very hardy, single pink flowers appear with the leaves. 3 feet.

18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.50	40.00	—

ALTHEA (*Hibiscus syriacus*) Rose of Sharon. Bush form. Striking hollyhock-like flowers in late summer. 10 to 12 feet.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.00	45.00	—
18 to 24 inches	4.00	35.00	—

Anemone, Double pink

Banner, Double white, red center

Ardens, Double purple

Lucy, Double red

BARBERRY (*Berberis*). Valuable for massing and for low hedging.

Redbird Barberry (See page 3)

Red Leaf (*B. thunbergi atropurpurea*). Variety of Japanese barberry with bright red foliage all summer, red berries in autumn. 5 to 8 feet.

18 to 24 inches	6.00	55.00	500.00
15 to 18 inches	5.00	45.00	400.00
12 to 15 inches	4.00	35.00	300.00

Mentorensis

This barberry is one of the best ever introduced for the south and southwest. It withstands drought and high temperatures and in the south is evergreen. In Kansas it frequently holds its foliage until February; in places protected from winter sun it will remain green all winter. The foliage is large, thick, leathery, very attractive; red fruits in the fall and winter. It grows very bushy and will reach a height of 5 or 6 feet. There have never been enough of these plants to go around, it is in such great demand.

	Per 10	Per 100	Per 1000
2 to 2½ feet	7.00	65.00	—
18 to 24 inches	6.00	55.00	500.00
15 to 18 inches	5.00	45.00	400.00
12 to 15 inches	4.00	35.00	300.00
2 to 2½ feet, B & B	30.00	—	—
18 to 24 inches, B & B	25.00	—	—
15 to 18 inches, B & B	20.00	—	—

SHRUBS (Continued)**BARBERRY (Continued)**

Thunbergi (Japanese Barberry). Low growing, spreading shrub with numerous thorns and attractive foliage that turns red in the fall. Yellow flowers and red berries. Fine for hedges and mass planting. This barberry does not carry wheat rust. 5 to 8 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches	4.50	40.00	350.00
15 to 18 inches	3.50	30.00	250.00
12 to 15 inches	3.00	25.00	220.00

BUDDLEIA (Butterfly Bush)

Our plants are grown from softwood cuttings, potted and lined out in the field. Not to be confused with plants grown from hardwood cuttings.

No. 1	4.00	35.00	320.00
Medium	3.50	30.00	270.00

Charming. The most nearly pink Butterfly Bush we have seen. Large, rather open sprays on tall vigorous bushes.

Dubonnet. Live, reddish-purple, like the wine for which it is named. Extra long, full spikes. Continues to be one of the most popular.

Floralart. Developed in New Mexico by Mr. A. C. Miller and introduced by us. In our opinion it has the best flower of all because nearly the whole spike blooms at one time. On most other varieties the bottom flowers are faded before the top flowers open. For this reason Floralart makes best cut flowers. Handsome orchid-lavender flowers in large, full, very compact spikes. Medium size bush.

Red. A brilliant purplish-red. As near red as we have ever seen in Butterfly Bush.

White Cloud. Does not grow so large as other varieties but makes neat compact bush completely covered with well formed spikes of white flowers. Especially good in borders and for cut flowers.

CALLICARPA DICHOTOMA (Purpurea) Purple Beautyberry. Large showy clusters of lavender-purple berries in autumn, pink flowers. 4 feet.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.00	35.00	—

CALYCANTHUS FLORIDUS (Sweet Shrub). Glossy, aromatic foliage. Flowers chocolate brown, fragrant June-July. 5 feet.

18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.00	35.00	—

CARYOPTERIS INCANA (Bluebeard, Blue Spirea)**Azure**

A NEW Blue Spirea introduced by the U. S. D. A. It has deeper blue flowers and darker foliage than Blue Mist and grows into a more compact shrub. In our opinion this is the finest caryopteris on the market.

	Per 10	Per 100	Per 1000
No. 1	4.50	40.00	350.00
Medium	3.50	30.00	250.00

CERCIS CANADENSIS (Redbud). Shrub form. Heart shaped leaves; rosy-red flowers in spring. 40 feet.

5 to 6 feet	22.50	200.00	—
4 to 5 feet	15.00	135.00	—
3 to 4 feet	10.00	90.00	—
2 to 3 feet	6.50	60.00	—
18 to 24 inches	4.00	35.00	—

SHRUBS (Continued)

REDBIRD BARBERRY

(A selection of *Berberis thunbergii atropurpurea*)

Plant Pat. No. 1968

An outstanding new barberry characterized by brilliant red foliage all summer long.

It produces many branches, giving it a dense habit of growth. The leaves are medium size, rounded, and uniform throughout the plant. **Redbird's** uniformity of color and texture overcome the undesirable variations found in seedling barberries.

This new shrub is highly desirable for hedges, and for relieving the monotony of the landscape by providing a splash of rich color. **Redbird** should be planted in full sun to insure best color. It has been tested by the Agricultural Research Service, United States Department of Agriculture, and found resistant to black stem rust of wheat. This permits **Redbird** to be shipped freely from state to state.

On account of the limited amount of field-grown stock this first production season, bare root sales must be limited to 20 to any one customer. Container grown stock, 50 per customer.

		Each
2 gal. Plantainer	15 to 18 inches	2.25
2 gal. Plantainer	12 to 15 inches	2.00
1 gal. Plantainer	12 to 15 inches	1.75
1 gal. Plantainer	9 to 12 inches	1.50
Field grown	15 to 18 inches	1.35
Field grown	12 to 15 inches	1.00
Field grown	9 to 12 inches	.75

SHRUBS (Continued)**CHAENOMELES LAGENARIA (Flowering Quince)**

Scarlet. Flowers produced in great profusion in early spring before the leaves come out. A spectacular shrub and for that reason very popular. We grow ours from cuttings taken from blooming wood thereby insuring uniformity of flower and shrub.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.00	45.00	—
18 to 24 inches	4.00	35.00	300.00

Glowing-Ember (Trade Mark)

We are proud to be the introducers of this superior strain of flowering Quince. It took many years of observation and selection to come up with this upright growing shrub of uniform habit, with brilliant red flowers. It is grown from cuttings of course, in order to perpetuate these desirable characteristics. 10 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.00	25.00	—

**OUTSTANDING NEW VARIETIES
OF FLOWERING QUINCE**

All cutting-grown from blooming wood to perpetuate the desirable characteristics.

	Per 10	Per 100	Per 1000
2 to 3 feet	7.00	65.00	600.00
18 to 24 inches	6.00	55.00	500.00
12 to 18 inches	4.50	50.00	350.00

Apple Blossom—Flowers resemble apple blossoms in size, shape and color. Red in bud, opening to light pink with darker edges.

Indian Chief—Large scarlet-red flowers in profusion. New foliage growth very red with plume-like appearance.

Pink Lady—Very showy. Salmon or coral-pink flowers.

Texas Pink—Sturdy grower with long, narrow, dark green leaves. Large, clear pink flowers, foliage reddish at tips of new growth.

CORNUS (Dogwood).

Alba sibirica (Siberian Dogwood). Coral-red branches, white flowers, blue berries. Especially attractive in winter. 10 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.00	55.00	—
18 to 24 inches	4.50	40.00	—

Stolonifera (Redozier Dogwood). Dark red branches. Spreading habit of growth. 10 feet.

2 to 3 feet	6.00	55.00	—
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Stolonifera flaviramea (Yellowtwig Dogwood). Brilliant yellow bark. Especially effective in winter. 7 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.00	45.00	—
12 to 18 inches	3.50	30.00	—

SHRUBS (Continued)

COTINUS COGGYRIA (Smoke Tree or Purple Fringe.) Rapid growing, highly ornamental shrubs with large panicles of smoky purple flowers. Thrives in heat and drought. 15 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	11.00	100.00	—
2 to 3 feet	8.00	75.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.50	40.00	—

COTONEASTER

Acutifolia (Peking Cotoneaster). Slender, spreading branches, pinkish flowers. Black berries in fall. Desirable for individual specimens, shrub groups, or for hedges. Shears well for formal hedges. 12 feet. Thrives from Texas to North Dakota.

2 to 3 feet	5.00	45.00	—
18 to 24 inches	4.00	35.00	—
12 to 18 inches	3.00	25.00	—

Divaricata. Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

2 to 3 feet	9.00	85.00	750.00
18 to 24 inches	8.00	75.00	650.00
12 to 18 inches	5.50	50.00	450.00

Multiflora. Large clusters of white flowers followed by brilliant red fruit. Hardy and very beautiful. 6 feet.

2 to 3 feet	7.00	65.00	—
18 to 24 inches	5.50	50.00	—

CRAPE MYRTLE (Lagerstroemia indica). Heads of brightly colored, creped flowers, July to September, 20 feet.

Red or Pink

18 to 24 inches	4.50	40.00	—
12 to 18 inches	3.50	30.00	—

CYDONIA (See Chaenomeles)

DESMODIUM PENDULIFLORUM (Lespedeza formosum). Purple Bush-clover. Perennial herbaceous shrub with gracefully arching branches. Covered with reddish purple flowers in September. Very desirable especially for the late blooming habit. 5 feet.

2 year, No. 1	6.00	55.00	500.00
2 year, Medium	5.00	45.00	400.00

DEUTZIA**Corymbosa (Himalaya Deutzia)**

New, from the Himalaya region of Asia. An attractive shrub with great masses of large drooping panicles of double white flowers in early summer. Highly ornamental. 6 to 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	3.50	30.00	—

Gracilis (Slender Deutzia). A low-growing, graceful shrub with slender branches and many white flowers in early summer. 3 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches	7.00	65.00	—
15 to 18 inches	5.50	50.00	—

Gracilis Rosea (Rosepanicle Deutzia). Similar to Gracilis, but has pink flowers and is a stronger grower. Semi-dwarf. 4 feet.

18 to 24 inches	6.50	60.00	—
15 to 18 inches	5.50	50.00	—

SHRUBS (Continued)**DEUTZIA (Continued)**

Pride of Rochester. Double white flowers, tinged pink. Blooms freely in early season. Strong grower. 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—
12 to 18 inches	3.00	25.00	—

ELDER (See Sambucus)

ELAEAGNUS ANGUSTIFOLIA (Russian Olive). Very hardy, silvery leaves, fragrant flowers. Fruit is silvery yellow. 20 feet.

5 to 6 feet	11.00	100.00	—
4 to 5 feet	8.50	80.00	—
2 to 3 feet	5.00	45.00	—
18 to 24 inches	4.00	35.00	—

EUONYMUS

Alatus compactus. Yellow flowers May-June followed by red fruits. Brilliant fall colors, corky bark, hardy, semi-dwarf. 4 to 5 feet.

18 to 24 inches	12.50	110.00	—
12 to 15 inches	7.00	65.00	—

(See also Broadleaf Evergreens)

EXOCHORDA RACEMOSA (Grandiflora) Pearl Bush. Neat spirea-like shrub with clusters of snowy white flowers in spring. In bud, the flowers resemble pearls. 10 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

FLOWERING QUINCE (See Chaenomeles)

FORSYTHIA (Golden Bell). Bright yellow flowers, early spring.

Arnold's Dwarf. Very low, spreading, bushy plant. One of the most dwarf of the forsythias. Excellent shrub for landscape work where dwarf plants are needed.

15 to 18 inches	5.50	50.00	—
12 to 15 inches	4.00	35.00	—
9 to 12 inches	3.00	25.00	—

Beatrix Farrand. New, from the Arnold Arboretum. Vigorous, floriferous and spectacular with individual flowers up to 2 inches across. Deep golden yellow blooms, with orange markings. 6 to 8 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

Intermedia Spectabilis (Showy Forsythia). Largest, darkest flowers. Most profuse bloomer. 10 feet.

3 to 4 feet	7.00	65.00	—
2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00

Lynwood Gold

Newest and best forsythia. Great masses of deep golden-yellow flowers, excellent foliage. 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.50	70.00	—
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00

Spring Glory

New! One of the finest forsythias ever introduced. Covered with pale yellow flowers early spring. Produces many more blossoms than other varieties. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.50	70.00	650.00
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00

SHRUBS (Continued)**FORSYTHIA (Continued)**

Viridissima bronxensis (Dwarf Forsythia). Dwarf shrub with compact habit of growth. Desirable for foundation plantings on small homes.

	Per 10	Per 100	Per 1000
15 to 18 inches	4.50	40.00	—
12 to 15 inches	3.00	25.00	—

HONEYSUCKLE (Lonicera). Desirable for foliage, flowers and berries.

Arnold's Red (New). Buds are red opening to nearest true red of any honeysuckle. Vigorous grower, good foliage. 10 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.00	35.00	—

Clavey's Dwarf. Here is what you have been looking for—a new true-dwarf shrub for landscaping ranch style homes. Foliage similar to tatarian honeysuckle, but smaller. Very bushy and compact globe shape without shearing. Small yellow flowers, red berries.

	Per 10	Per 100	Per 1000
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.50	30.00	250.00
9 to 12 inches	2.50	20.00	—

Fragrantissima (Winter Honeysuckle). Fragrant white flowers March-April. Nearly evergreen. 6 to 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	3.00	25.00	—

Korolkowi floribunda (Blue Leaf Honeysuckle)

Here is an excellent shrub that has been overlooked by many nurserymen. Beautiful silvery-blue foliage on gracefully arching branches. Rosy-pink flowers and red fruit. Compact habit of growth, hardy. 8 to 10 feet.

	Per 10	Per 100
2 to 3 feet	6.00	55.00
18 to 24 inches	5.00	45.00

Tatarica Rubra. Wheeling. Flower buds are red; open to a deep pink. One of the best. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	6.00	55.00	—
2 to 3 feet	5.00	45.00	400.00
18 to 24 inches	4.00	35.00	300.00
12 to 18 inches	3.00	25.00	—

Zabeli. Compact shrub with rounded leaves. Flowers deep red in bud, opening to reddish-pink, one of the best bush honeysuckles.

2 to 3 feet	5.00	45.00	400.00
18 to 24 inches	4.00	35.00	300.00

HYDRANGEA

Arborescens grandiflora (Snowhill H.). Very large white snowball-like flowers in June and July. Attractive dark green foliage. Does very well in shady locations.

2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.00	45.00	400.00

SHRUBS (Continued)**PeeGee (*Hydrangea paniculata grandiflora*)**

In keeping with the Willis policy of striving for the best, we are offering the Meehan strain of *Hydrangea Peegee*, known to be the finest of Peegees. Enormous cone-shaped heads of white flowers, often a foot or more long. The flowers slowly change from white to pink, progressing to rose, and finally in autumn to bronze. Make good winter bouquets. Long blooming season from July to October. Grow 6 to 8 feet high. Use for foundation planting, shrub borders, or individual specimen. 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.00	45.00	400.00

Nikko Blue

Both hardy and beautiful. It has withstood temperatures of 20 degrees below zero. The tops die down to the ground every winter, but give them a little mulch protection and the crowns will grow into bushy shrubs in one season, 2 to 4 feet tall with attractive, luxuriant foliage and great masses of flowers.

Because the flowers are borne on the new wood, you get blooms every year, and lots of them. It is not at all unusual to see flower heads more than a foot across and the shrub completely covered with them—a wonderful show.

In alkaline soil the flowers are pink; in acid they are blue. It's easy to change alkaline soil into acid with aluminum sulphate (two tablespoons to a gallon of water). Useful for:

**Perennial Borders
Shrub Borders
Lawn Specimens**

**Planting in Tubs and Boxes
Foundation Plantings**

	Per 10	Per 100	Per 1000
No. 1	8.00	75.00	700.00
Medium	7.00	65.00	600.00

HYPERICUM KALMIANUM (Pot O' Gold). Neat plant with clean, blue-green foliage. Large yellow flowers. July-August. 3 feet.

	Per 10	Per 100	Per 1000
15 to 18 inches	5.50	50.00	—
12 to 15 inches	4.50	40.00	—

KOLKWTZIA AMABILIS (Beauty Bush). A graceful shrub covered with small pink flowers in May. 6 to 8 feet.

18 to 24 inches	6.50	60.00	—
12 to 18 inches	4.50	40.00	—

LESPEDEZA FORMOSUM (See Desmodium)

LILACS (*Syringa*).

Cut-Leaf Chinese. New! A form of the *Rothomagensis* or Chinese Lilac with leaves that are deeply cut giving them a graceful lacy appearance. Otherwise it is the same as the Chinese, having rich reddish-purple blossoms in the spring and again in the fall. A splendid novelty. Supply limited.

2 to 3 feet	7.50	70.00	—
18 to 24 inches	6.50	60.00	—
12 to 18 inches	4.00	35.00	—

French Lilacs. Named varieties.

2 to 3 feet	8.50	80.00	—
18 to 24 inches	6.50	60.00	—
12 to 18 inches	4.50	40.00	—

SHRUBS (Continued)**LILACS (Continued)****French Lilacs (Continued)**

	2 to 3'	18 to 24"	12 to 18"
Alphonse Laval, double lilac	x	x	
Belle de Nancy, double pink		x	x
Charles Joly, double dark red		x	
Charles X, single red		x	x
Hugo de Vries, double reddish-purple	x	x	x
Hugo Koster, single deep lilac		x	x
Ludwig Spaeth, single deep purple			x
Mme. Casimir Perier, double white	x	x	x
Mme. Florent Stepman, single white	x	x	
Michel Buchner, dwarf, double lilac	x	x	x
Pres. Carnot, double light lilac	x	x	x
Waldeck Rousseau, double lilac-pink		x	x

Rothomagensis (Chinese Lilac). Vigorous grower with slender arching branches; dependable bloomer. Large, broad flower heads of reddish-purple. Excellent for screens, hedges or specimens. 15 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.00	55.00	500.00
2 to 3 feet, 2 canes	3.50	30.00	—
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	3.50	30.00	—

Rothomagensis, Pink. Selected strain with beautiful pink flowers.

2 to 3 feet	6.00	55.00	—
18 to 24 inches	5.00	45.00	—
12 to 18 inches	3.50	30.00	—

Villosa (Late Lilac). Hardy, attractive foliage. Summer blooming with large panicles of pinkish-lilac flowers. 8-10 feet.

2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—
12 to 18 inches	3.50	30.00	—

Vulgaris. (Common or Old-fashioned Lilac). Hardy, popular shrub. Purplish flowers in large panicles. April-May. 12 to 18 feet.

2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.50	30.00	—

PHILADELPHUS (Mockorange).

Coronarius (Sweet Mockorange). A well-known, popular, hardy shrub. Fragrant white flowers in May and June. Vigorous grower. 10 feet.

2 to 3 feet	6.00	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.00	25.00	—

Minnesota Snowflake. Very double flowers of white. Blooms several times during season. As hardy as it is beautiful. Coming from Minnesota, you may be sure it will survive the most rugged winters. Very profuse blooming, and the flowers are unusually sweet-scented. The bush grows symmetrically and very quickly. Thrives in ordinary soil, in either sun or shade. Far superior to *Virginalis* or any strain—an extraordinarily good Mock Orange. 8 feet.

3 to 4 feet	9.00	85.00	—
2 to 3 feet	7.00	65.00	—
18 to 24 inches	6.00	55.00	—

Virginalis (Virginal Mockorange). Bushy symmetrical shrubs with semi-double white fragrant flowers. Prolific bloomer May-June. 7 to 8 feet.

2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	3.50	30.00	—

SHRUBS (Continued)

PHYSOCARPUS OPULIFOLIUS NANA (Dwarf Ninebark). Dwarf shrub with refined foliage resembling Alpine Currant. Excellent for low formal hedges.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

PRIVET (See page 14)

PRUNUS

Besseyi (Hansen's Bush Cherry). The foliage has an unusual blue-green tinge. The habit of growth is graceful and it never gets too large. Best of all, in the fall the foliage changes to brilliant purple and crimson. Large black fruits, good for preserves. 5 feet.

Transplants, Branched

3 to 4 feet	5.50	50.00	—
2 to 3 feet	4.00	35.00	300.00
18 to 24 inches	3.00	25.00	—

Newport (See Prunus under Shade Trees).

Tomentosa (Manchu or Nanking Cherry). Large white flowers just before the leaves appear; attractive serrate foliage. Bears large red, edible cherries. A superior dual-purpose shrub. 8 feet.

3 to 4 feet	7.00	65.00	600.00
2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00

Tenella (Siberian Almond). See Almond.

Triloba (See Shade Trees).

PURPLE FRINGE (See Cotinus).

QUINCE (See Chaenomeles)

REDBUD (See Cercis under Shrubs)

RHODOTYPOS SCANDENS. R. Kerrioides (Jetbead). Low spreading shrub with crinkled leaves and white flowers. Clusters of black shiny fruits in autumn. Useful border plant. Hardy north. 4 to 5 feet

2 to 2½ feet	7.00	65.00	—
18 to 24 inches	6.00	55.00	—
12 to 18 inches	4.50	40.00	—

RHUS (Sumac)

Canadensis (Aromatica) (Fragrant Sumac). Highly aromatic foliage, clusters of yellow flowers in May followed by showy red berries. Withstands extremes of heat and drought and thrives in poor soil. 6 to 8 feet.

2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00
12 to 18 inches	3.50	30.00	250.00

RUSSIAN OLIVE (See Elaeagnus)

SAMBUCUS CANADENSIS (Adams Improved Elderberry). Adams—is a selection made by the late William W. Adams, Union Springs, New York. The bush is strong, vigorous, and productive, and the fruit clusters and berries are exceptionally large. This fruit is a splendid example of what the plant-breeder can do in improving native fruits. The shrub itself is ornamental, especially when in bloom.

3 to 4 feet	8.00	75.00	—
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SMOKETREE (See Cotinus)

SPIREA. One of the most useful groups of shrubs.

Anthony Waterer. Dwarf shrub with flat-topped clusters of pinkish-red flowers all summer. 24-30 inches.

2 to 2½ feet	7.00	65.00	—
18 to 24 inches	6.00	55.00	500.00
15 to 18 inches	5.00	45.00	—

SHRUBS (Continued)**SPIREA (Continued)**

Arguta (Garland Spirea). Upright; narrow leaves, clusters of single white flowers. One of the first to bloom. 5 to 6 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.00	25.00	—

Blue (See Caryopteris).

Froebeli. Vigorous, semi-dwarf shrub that is very hardy. Bright pink flowers all summer long. Purplish tips to foliage in spring, beautiful autumn colors. 4 feet.

2 to 2½ feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	4.00	35.00	300.00

Japonica coccinea. Similar to Spirea Anthony Waterer but with more brilliant red flowers.

18 to 24 inches	6.00	55.00	500.00
15 to 18 inches	5.00	45.00	—
12 to 15 inches	4.00	35.00	—

Mongolica (Snowbank Spirea). New: blooms earlier than other spirea. Graceful arching branches completely covered with white flowers.

	Per 10	Per 100
2 to 3 feet	5.50	50.00
18 to 24 inches	4.50	40.00
12 to 18 inches	3.50	30.00

Prunifolia plena (Double Bridalwreath). This is the true Bridalwreath Spirea. Great masses of double white flowers in early spring. Refined foliage. 6 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—
12 to 18 inches	3.50	30.00	—

Thunbergi. Low growing shrub, slender branches. Spreading habit. Feathery foliage, pure white flowers, early bloomer. 5 feet.

2 to 3 feet	5.00	45.00	400.00
18 to 24 inches	4.00	35.00	300.00
12 to 18 inches	3.00	25.00	—

Vanhouttei (Bridalwreath). Great masses of white flowers in early spring. Sometimes called Bridal Wreath. 6 feet.

2 to 3 feet	4.50	40.00	350.00
18 to 24 inches	3.50	32.00	280.00
12 to 18 inches	2.50	22.00	200.00

SUMAC (See Rhus)

SNOWBALL (See Viburnum).

TAMARIX. Grown chiefly for its fine, graceful foliage and showy flowers.

Africana. Slender, spreading branches covered with feathery green foliage. Pink flowers. 10 feet.

3 to 4 feet	5.50	50.00	450.00
2 to 3 feet	4.50	40.00	350.00
18 to 24 inches	3.50	30.00	250.00

SHRUBS (Continued)**TAMARIX (Continued)**

Cheyenne Red. New. Introduced by USDA. Foliage blue-green. Blooms in spring and late summer with red flowers. Hardy in southern Wyoming.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.00	65.00	600.00
2 to 3 feet	6.00	55.00	500.00

Hispida (Kashgar T.). A graceful shrub with fine feathery blue-green foliage and bright pink flowers that bloom off and on all summer. You can trim it to make a neat hedge or plant it for individual specimens. The foliage is useful for making bouquets, for which it is used by many florists. 7 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	6.50	60.00	550.00
2 to 3 feet	5.50	50.00	450.00

Summer Glow. Similar to Hispida but flowers a deeper shade of pink.

	Per 10	Per 100	Per 1000
3 to 4 feet	6.50	60.00	550.00
2 to 3 feet	5.50	50.00	450.00

NOTICE: The tops of tamarix must be cut back short when transplanting. If this is not done, they may fail to grow.

VIBURNUM

Opulus (European Cranberry-bush). Leaves 3 to 5 lobed like a maple. Showy white flowers and brilliant red fruit persisting until spring. Highly ornamental. 10 to 12 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	8.50	80.00	—
2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	3.50	30.00	—

Opulus sterilis (Common Snowball). Similar to the Cranberry-bush but the flowers are in large balls, very showy.

	Per 10	Per 100	Per 1000
2 to 3 feet	7.00	65.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	3.50	30.00	—

WEIGELA

Newport. An improved variety. Blooms very freely with brilliant red flowers in May-June. 5 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00

Rosea (Florida). Bright pink trumpet-shaped flowers. 6 to 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.00	65.00	—
2 to 3 feet	6.00	50.00	450.00
18 to 24 inches	5.00	40.00	350.00
12 to 18 inches	3.00	25.00	—

Vanicek. New variety with deep red flowers.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00

Variegated. A dwarf shrub with leaves variegated gold and green. Pink flowers.

	Per 10	Per 100	Per 1000
2 to 3 feet	7.00	65.00	—
18 to 24 inches	5.50	50.00	450.00
12 to 18 inches	3.50	30.00	—

SHRUBS (Continued)**WILLOW (Salix)**

Discolor (American Pussy Willow). Large furry gray catkins in early spring before leaves appear. 20 feet.

	Per 10	Per 100	Per 1000
4 to 5 feet	8.50	80.00	—
3 to 4 feet	6.00	55.00	500.00
2 to 3 feet	4.50	40.00	350.00

Pink-flowering. Catkins are pink instead of gray. Very desirable for winter forcing.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.00	45.00	—
18 to 24 inches	3.50	30.00	—

HEDGE PLANTS

Lighter than standard grades but suitable for hedge planting.

CHINESE ELM (See page 49)

RUSSIAN MULBERRY (See page 48)

RUSSIAN OLIVE (See page 48)

PRIVET (See page 14)

TAMARIX AFRICANA

	Per 100	Per 1000
2 to 3 feet	17.50	150.00
18 to 24 inches	12.00	100.00

SPIREA VANHOUTEI

18 to 24 inches	16.00	140.00
12 to 18 inches	14.00	100.00

PRIVET

PRIVET (*Ligustrum*)

Amur River North. Hardy, well adapted to northern states. Upright branches, rather glossy, oval leaves.

	Per 100	Per 1000
2 to 3 feet, 4 canes and up	20.00	175.00
18 to 24 inches, 3 canes and up	16.00	140.00
18 to 24 inches, 2 canes	14.00	120.00
12 to 18 inches, 3 canes and up	14.00	120.00
12 to 18 inches, 2 canes	12.00	100.00

Amur River South, or Chinese Privet. (*L. sinensis*). Very bushy plants with fine box-like foliage. Makes a beautiful, dense hedge. Suitable for planting in Oklahoma and south. Transplants.

2 to 3 feet, well branched	16.00	140.00
18 to 24 inches, well branched	14.00	120.00
12 to 18 inches, well branched	12.00	100.00

Atrovirens. A selection of *Vulgaris* with very dark green foliage; many stems. Excellent for hedges.

18 to 24 inches, 3 canes and up	19.00	—
12 to 18 inches, 3 canes and up	16.00	—

California. Glossy green leaves, suited to southern half of the United States. Extremely popular for formal hedges.

18 to 24 inches, 3 canes and up	14.00	120.00
12 to 18 inches, 3 canes and up	12.00	100.00
12 to 18 inches, 2 canes	9.00	80.00

Ibodium (Hardy California Privet). Glossy foliage resembling California, but hardy.

2 to 3 feet, 4 canes and	18.00	160.00
18 to 24 inches, 3 canes and up	14.00	125.00
18 to 24 inches, 2 canes	12.00	100.00
12 to 18 inches, 3 canes and up	12.00	100.00

Erect Border (*Obtusifolium erecta*)

New! Here is one which produces a dense hedge more quickly than Amur Privet North. It has a dense, branching habit of growth, and grows rapidly, branching better than Amur. Holds green foliage longer than Amur. Large lustrous foliage and it is hardy!

	Per 100	Per 1000
2 to 3 feet, 4 canes and up	17.50	150.00
18 to 24 inches, 3 canes and up	14.00	125.00
12 to 18 inches, 3 canes and up	12.00	100.00

VINES and GROUND COVERS

AJUGA (Carpet Bugle)

Reptans. A low, dense, fast-growing perennial creeping plant, excellent for covering ground in shady areas. Blue flowers in early summer.

	Per 10	Per 100	Per 1000
3 inch pots	2.50	22.00	200.00
2 inch pots	2.00	18.00	160.00

AMPELOPSIS (Parthenocissus) (Ivy)

Aconitifolia ((Monkshoodvine)

Not new, but not well known, although it deserves to be. A vining plant with beautiful cutleaf foliage and orange berries in autumn. From China.

	Per 10	Per 100
2 year No. 1	5.50	50.00
2 year Medium	4.50	40.00

Englemanni (Engleman Creeper). Hardy clinging vine, bright autumn colors.

	Per 10	Per 100	Per 1000
2 year, No. 1	3.50	30.00	270.00
2 year, Medium	3.00	25.00	220.00

Quinquefolia (Virginia Creeper). Rapid growing five leaf ivy. Hardy and suitable for covering stone walls, trellises, fences, etc.

2 year, No. 1	3.50	30.00	270.00
2 year, Medium	3.00	25.00	220.00

Parthenocissus tricuspidata (Boston Ivy). Used to be called **Ampelopsis veitchi**. Continues to be one of the most aristocratic and refined of vines. It will cling to brick, stucco, stone, and rough wood without support. The foliage stands smoke and dust well, and in autumn turns brilliant shades of scarlet and orange.

2 year, No. 1	5.50	50.00	—
2 year, Medium	4.50	40.00	—

CELASTRUS SCANDENS (American Bittersweet). Hardy vine producing clusters of yellow berries that burst open when ripe revealing brilliant red centers. Excellent for winter decoration, indoors and out. **Our plants are grown from cuttings taken from fruiting plants. Seedlings sometimes fail to fruit.**

2 year, Medium	3.20	28.00	—
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CLEMATIS

Paniculata. In September and October these vines are covered with great masses of fragrant white flowers about one inch across. A longtime favorite.

2 year, No. 1	5.50	50.00	—
2 year, Medium	4.50	40.00	—

EUONYMUS

Fortunei Coloratus (Purpleleaf Wintercreeper). Evergreen foliage that turns bronzy-red in autumn. Excellent ground cover.

3 inch pots	4.00	35.00	300.00
2-inch pots	2.50	20.00	160.00

Fortunei Minimus (Baby Euonymus). Slow-growing dwarf broadleaf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

3-inch pots	4.00	35.00	300.00
2-inch pots	3.00	25.00	200.00

VINES AND GROUND COVERS (Continued)**HONEYSUCKLE (See Lonicera)****LONICERA (Honeysuckle)**

Goldflame (Trademark). Large flame-coral trumpets lined with gold, fragrant after nightfall. Hardy; everblooming. **This is the true Goldflame, an introduction of The Willis Nurseries.**

	Per 10	Per 100	Per 1000
2 year, No. 1	4.50	40.00	350.00
2 year, Medium	3.50	30.00	250.00

Halls Japan. (L. Halleana). Flowers pure white changing to yellow; very fragrant. Vigorous grower, evergreen foliage.

3 year, No. 1	3.00	25.00	—
2 year, No. 1	2.50	22.00	200.00
2 year, Medium	2.00	18.00	150.00
3 inch pots (Best for ground-cover)	2.50	22.50	200.00

Purpleleaf. (L. Japonica, Purpleleaf). Evergreen foliage; bronzy in summer, purple in fall and winter. Fragrant creamy pink flowers all summer. Very vigorous grower. Good for screens, hedges, planter boxes. Can be sheared.

3 year, No. 1	4.50	40.00	350.00
2 year, No. 1	3.50	30.00	250.00
2 year, Medium	3.00	25.00	200.00

Sempervirens (Scarlet Trumpet Honeysuckle). Large clusters of trumpet-shaped flowers. 2 inches long in May and June. Orange scarlet outside, yellow inside; red fruit.

2 year, No. 1	4.00	35.00	—
2 year, Medium	3.20	28.00	—

Sempervirens magnifica (Dreer's Everblooming H.). Blooms all summer with large clusters of coral-red trumpet-shaped flowers.

2 year, No. 1	4.50	40.00	—
2 year, Medium	3.50	30.00	—

Redgold (Trade Mark) (Lonicera Tellmanniana)

Extremely long flowers that are very striking. The buds are golden, flushed with red. They open into huge, intensely golden trumpets. The foliage is very clean, light green above, blue-green below. In windy weather the varying colors caused by the difference in shades creates unusual and interesting effects. Blooms May-June.

	Per 10	Per 100	Per 1000
2 year, No. 1	4.50	40.00	350.00
2 year, Medium	3.50	30.00	300.00

PLUMBAGO LARPENTAE (Lead Plant). Dwarf spreading plant not over 6 to 8 inches high. Deep blue flowers, attractive foliage. Good border plant and desirable ground cover.

	Per 10	Per 100	Per 1000
2 inch pots	2.00	18.00	160.00

POLYGONUM

Reynowtria. Vigorous ground cover. Red buds and deep pink blooms in late summer. Good autumn foliage color.

2¼ inch pots	2.50	20.00	—
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VINCA (Periwinkle)

Minor. Shiny dark green foliage and blue flowers. Grows flat on the ground and makes an excellent ground cover.

3 inch pots	2.50	22.00	200.00
2 inch pots	2.00	18.00	160.00

VINES AND GROUND COVERS (Continued)**VINCA (Periwinkle) (Continued)**

Minor, Bowles Variety. This variety has larger flowers and is more floriferous than the regular Vinca Minor.

	Per 10	Per 100	Per 1000
2 inch pots	2.50	20.00	180.00

Minor Rubra. Similar to Bowles, but the flowers are an attractive mahogany-red.

2 inch pots	2.50	22.00	200.00
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WISTERIA

Sinensis (Chinese Wisteria). Long attractive clusters of purplish-blue flowers early summer. Vigorous grower. **Our plants were propagated from blooming wood.**

2 year, No. 1	4.00	35.00	300.00
2 year Medium	3.00	25.00	200.00

CONTAINER-GROWN STOCK

We are producing a good assortment of nursery stock in Plantainers, including evergreens, vines, and shrubs. Write for special price list.

JUNIPER GRAFTS

For many years we have been grafting junipers with good success. Some of the largest nurseries in the country are among our customers for them. See the excellent assortment we are offering on page 50.

CHRISTINE BUISMAN ELM

Why not plant elms that you **know** will not be attacked by the elm diseases. The Christine Buisman elm has been tested by the U.S.D.A. for many years and pronounced immune to phloem necrosis and extremely resistant to Dutch elm disease. See pages 22 and 23.

NEW SERVICES

Customers who wish may now have their evergreens sprayed with **Wilt-Pruf** before digging. The trees can also be burlapped with **No-Rot** burlap, which is treated to last much longer than untreated burlap. There is a small extra charge for this service. See page 33.

SHADE AND ORNAMENTAL TREES

All our shade trees are grown in wide rows with plenty of space between them in the row to allow for proper development. Calipers are measured 6 inches above the collar. Sizes given in descriptions indicate height at maturity as given in "Hortus Second."

ASH (*Fraxinus*)

Blue (*F. quadrangulata*). Handsome tree of moderate growth; twigs distinctly winged; dark green foliage. Excellent shade tree. 80 feet.

	Per 10	Per 100	Per 1000
4 to 5 feet	25.00	—	—
3 to 4 feet	12.50	—	—

Green (*F. pennsylvanica lanceolata*). Large round-topped trees with attractive compound leaves. Does well in semi-arid areas and high altitudes. Grows rapidly. 60 feet.

1¼ to 1½ inch caliper	30.00	275.00	—
8 to 10 feet	25.00	225.00	2000.00
6 to 8 feet	17.00	150.00	1400.00
5 to 6 feet	11.00	100.00	900.00

Marshall's Seedless. Selection of Green Ash. Because this tree produces no seeds, and grows into a round symmetrical tree, it is desirable for street and lawn planting. Grows quite rapidly. 50 to 60 feet.

5 to 6 feet	14.00	125.00	—
4 to 5 feet	8.50	75.00	—

Modesto (*F. velutina glabra*). Moderate sized shade tree, resistant to hot, dry weather. Round headed habit of growth; slender, light green leaves. 35 to 40 feet.

6 to 8 feet	20.00	175.00	—
5 to 6 feet	14.00	125.00	—
4 to 5 feet	11.00	100.00	—
3 to 4 feet	6.50	60.00	—

Moraine Ash

Fraxinus holotricha "Moraine"

(Plant Patent No. 1768)

A new type of Ash with outstanding qualities in growth and hardiness. Attractive shape is evident in both young and mature trees. The medium height trees of 35 to 40 feet are most acceptable for home and industrial planting.

Special "breeding" eliminates undesirable features associated with common Ash. The Moraine Ash shapes itself, holds its beautiful olive-green foliage into late fall, and its lacy shades promote luxurious lawn growth underneath. Trunk and limbs are smooth barked.

Bears few small seeds. The small leaflets fall in late autumn, sifting down into the lawn, making it unnecessary to rake them up. Tested and proved hardy as to climatic conditions in most of the United States, including Maine, Montana and North Dakota. Adaptable to variety of soil conditions.

Prices

	10-29 Each	30-99 Each	100-299 Each
7 to 8 feet whips	3.35	3.00	2.70
6 to 7 feet whips	2.75	2.50	2.25
5 to 6 feet whips	2.25	2.00	1.80

SHADE AND ORNAMENTAL TREES (Continued)**ASH (Continued)**

White (F. Americana). Vigorous tree with compound leaves, dark green above, lighter beneath. Foliage turns deep purple and yellow in autumn. Good shade tree.

	Per 10	Per 100	Per 1000
8 to 10 feet	25.00	225.00	—
6 to 8 feet	17.50	150.00	—
5 to 6 feet	12.00	100.00	—

CATALPA

Bungei (Umbrella Catalpa). Small formal round-headed tree with large leaves. Desirable for formal plantings or where small trees are needed. Tops are cut back to prevent damage in shipping.

6 foot stems, heavy caliper	35.00	300.00	—
5 foot stems, heavy caliper	27.50	250.00	—

CLADRASTIS LUTEA (American Yellowwood)

Desirable ornamental tree with compound leaves and fragrant flowers in early summer. 50 feet.

6 to 8 feet	50.00	—	—
4 to 5 feet	30.00	—	—
3 to 4 feet	20.00	—	—

COTINUS (See Shrubs)**COTTONWOOD**

Cottonless. Better than regular Cottonwood because it produces no seeds. Thrives in dry locations after it is established. 80 to 100 feet.

8 to 10 feet, branched	14.00	125.00	—
6 to 8 feet, branched	10.00	90.00	—
5 to 6 feet, branched	7.00	65.00	—
4 to 5 feet, branched	4.50	40.00	—
5 to 6 feet, whips	2.50	21.00	180.00
4 to 5 feet, whips	2.00	14.00	125.00
3 to 4 feet, whips	1.50	11.00	90.00
2 to 3 feet, whips	1.00	8.00	65.00

CRAB, FLOWERING (Malus)

Dolgo. White flowers, large showy red fruit; good for jelly. 40 feet.

	Per 10	Per 100	Per 1000
5 to 6 feet	13.50	125.00	—
4 to 5 feet	11.00	100.00	—
3 to 4 feet	7.50	70.00	—

Hopa Flowering Crab

From early spring until freezing weather this tree will be a delight to you. In the spring the expanding foliage is bronzy red but before the leaves are fully developed the whole tree bursts into bloom, being completely covered with the most magnificent fragrant pink flowers. It is hard to imagine anything more showy. The flowers are followed by the prettiest tiny red apples that bejewel the tree during the summer.

You can make a good jelly from them.

	Per 10	Per 100
1¼ to 1½ inch caliper, B&B	32.50	—
6 to 8 feet	17.50	165.00
2 to 3 feet	4.50	40.00
5 to 6 feet, whips	7.50	70.00
4 to 5 feet, whips	5.50	50.00

Sargent. Dwarf, low spreading shrub-like crab; dark green leaves usually lobed. Great masses of white flowers followed by small dark red fruits which remain on the tree all winter.

4 to 5 feet	13.50	120.00	—
3 to 4 feet	11.00	100.00	—
2 to 3 feet	8.50	75.00	—

SHADE AND ORNAMENTAL TREES (Continued)

CRAB, FLOWERING (*Malus*)

	Per 10	Per 100	Per 1000
5 to 6 feet	19.00	175.00	—
4 to 5 feet	16.50	150.00	—
3 to 4 feet	11.00	100.00	—

Arnold. Flower buds dark red, becoming lighter as they open. Flowers large, pink, becoming pinkish-white. Very floriferous and a worthy addition to any garden.

Klehm's Improved Bechtel. Dwarf crab, double pink flowers, improved strain. Larger leaves than Bechtel, more resistant to rust.

CRAB, FLOWERING (*Malus*)

6 to 7 feet	19.00	175.00	—
5 to 6 feet	16.50	150.00	—
4 to 5 feet	13.00	120.00	—

Atrosanguinea (Carmine Crab). Single, deep pink or carmine blossoms that do not fade. Foliage dark green and glossy. An excellent ornamental that never fails to give satisfaction.

Beverly. Red fruiting form of *Floribunda* or Japanese Flowering Crab. Buds coral red; flowers pale pink turning to snow white.

Eleyi (Eley Crab). Foliage red in spring, flowers vinous red, single; fruit red. 40 feet.

Jay Darling. Flowers and fruit purplish-red. Similar to *Eleyi*.

Niedzwetzkyana (Redvein Crab). Single red flowers, red fruit; bark and wood reddish. 40 feet.

Profusion. Large single carmine flowers. Bright red fruits, bronzy-red foliage.

Redfield (New). An apple for the lawn and other ornamental plantings because of its large and very dark pink flowers. The fruit is medium in size, dark deep solid red in color, with deep red flesh. The foliage is dark with a reddish green tinge early in the season. This and *Redford* are two very desirable ornamentals.

Redford (New). A sister of *Redfield* and similar in all characters of tree and fruit. The petals are deep pink but not as dark as those of *Redfield*. The fruit is medium in size, deep dark solid red, with deep red flesh. The foliage has a characteristic reddish-green tinge early in the season. Lovers of handsome ornamental apples will plant this sort and *Redfield*.

Scheideckeri. Flowers pale pink and semi-double. Yellow fruit. 25 feet.

ELM (*Ulmus*).

American (*Ulmus americana*). America's best street tree. 120 feet.

1½ to 2 inch caliper	37.50	350.00	—
1¼ to 1½ inch caliper	25.00	225.00	—
8 to 10 feet	18.00	165.00	1500.00
6 to 8 feet	12.00	110.00	1000.00
5 to 6 feet	8.50	75.00	—

Augustine Ascending. Striking pyramidal habit of growth. Popular for terrace and parkway planting.

8 to 10 feet	50.00	475.00	—
6 to 8 feet	35.00	325.00	—
5 to 6 feet	25.00	225.00	—

Chinese (*Ulmus pumila*) (Siberian). Very rapid grower. Makes good screens, hedges and specimens. Especially adapted to dry climates.

2 to 2½ inch caliper	37.50	350.00	—
1½ to 2 inch caliper	32.50	300.00	—
1¼ to 1½ inch caliper	22.50	200.00	—
8 to 10 feet	15.00	135.00	—
6 to 8 feet	11.00	100.00	—
5 to 6 feet	7.50	65.00	—

SHADE AND ORNAMENTAL TREES (Continued)**ELM (Continued)****Christine Buisman** (See pages 22 and 23)**Hybrid (American-Chinese Hybrid).** Large leaves, rapid growth.

	Per 10	Per 100	Per 1000
2 to 2½ inch caliper	55.00	500.00	—
1½ to 2 inch caliper	45.00	400.00	—
1¼ to 1½ inch caliper	35.00	325.00	—

Moline. Tall, columnar tree with large, dark green foliage. Grows very rapidly. Excellent street tree 75 to 100 feet.

1¼ to 1½ inch caliper	30.00	275.00	—
8 to 10 feet	22.50	200.00	—
6 to 8 feet	16.50	150.00	—
5 to 6 feet	11.00	100.00	—

GOLDRAINTREE (See Koelreuteria).**HACKBERRY (Celtis occidentalis).** Resembles American Elm. Desirable shade tree. It is not affected by the diseases that attack elms. 120 feet.

1¼ to 1½ inch caliper	37.50	350.00	—
8 to 10 feet	30.00	275.00	—
6 to 8 feet	22.50	200.00	—
5 to 6 feet	12.00	110.00	—

HONEYLOCUST, PATENTED VARIETIES (See pages 24, 25, 26)**HONEYLOCUST, THORNLESS (Gleditsia triacanthos inermis).** Very desirable shade tree. Refined pinnately compound leaves, fragrant white flowers in spring. Succeeds in dry locations. Hardy and long-lived. Reaches a height of 50 to 60 feet.

1¼ to 1½ inch caliper	35.00	325.00	—
8 to 10 feet	30.00	275.00	2500.00
6 to 8 feet	22.50	200.00	1750.00
5 to 6 feet	13.50	125.00	1100.00
4 to 5 feet	8.00	75.00	—
6 to 8 feet, whips	8.00	75.00	—
5 to 6 feet, whips	6.50	60.00	—
4 to 5 feet, whips	5.50	50.00	—
3 to 4 feet, whips	4.00	35.00	—
2 to 3 feet, whips	2.50	20.00	—

KOELREUTERIA PANICULATA (Goldrain Tree). Handsome foliaged tree suited to city conditions. Large panicles of yellow flowers in July. Drought resistant. 25 feet.

6 to 8 feet	40.00	350.00	—
5 to 6 feet	32.50	300.00	—
4 to 5 feet	25.00	225.00	—
3 to 4 feet	17.50	150.00	—
2 to 3 feet	12.50	100.00	—
5 to 6 feet, whips	12.50	115.00	—
4 to 5 feet, whips	9.50	85.00	—
3 to 4 feet, whips	6.50	60.00	—
2 to 3 feet, whips	4.50	40.00	—



CHRISTINE BUISMAN ELM

CHRISTINE BUISMAN ELM

The Coming Shade Tree

Resistant to Elm Diseases

Extremely resistant to Dutch elm disease and phloem necrosis.

Grows quite rapidly. We have produced trees ten feet high in four years from small root-cuttings.

Produces straight stems of heavy caliper, with central leaders, without forks or crotches. It has slender but numerous, ascending branches, which produce a great mass of dark green foliage.

Young trees tend to have a broad base and a pyramidal top, but when mature become round topped, like the American Elm.

Highly satisfactory for both lawn and street planting.

The Christine Buisman Elm is an European selection (from Holland) of the Smooth Leaf European Elm (*Ulmus carpinifolia*). Repeated tests by the United States Department of Agriculture show that it is immune to phloem necrosis, and highly resistant to Dutch elm disease.

The testing was done under the direction of Dr. Roger U. Swingle, pathologist in charge of the Horticultural Crops Research Branch, Ornamental Crops Section, Worthington, Ohio. On July 19, 1954 Dr. Swingle reported as follows:

"The Christine Buisman Elm has been tested repeatedly for resistance to the Dutch elm disease and elm phloem necrosis since stock of the selection was received at this laboratory in 1946. We have subjected the tree to rather severe disease resistance tests during this period and the selection has proven to be highly resistant to both of these disease."

The Christine Buisman Elm has proven entirely hardy here in Ottawa for more than ten years and it has also survived the severe winters in the Chicago area. Mr. E. L. Kammerer, arboriculturist at the Morton Arboretum, Lisle, Illinois (near Chicago) wrote us on September 9, 1954:

"The Christine Buisman Elm, about which you inquire, has been on trial at the Morton Arboretum since the spring of 1949. At that time five 18 inch plants were received from the Bureau of Plant Industry at Columbus, Ohio. All plants still survive. They are apparently perfectly hardy in this area."

In order to perpetuate its disease resistance the Christine Buisman Elm must be propagated vegetatively. There can be no assurance that trees propagated by budding or grafting on elm seedlings will be disease resistant. Be sure the trees you buy have been propagated vegetatively. We propagate ours by root-cuttings which are carried a season in pots and then transplanted to the fields.

	Per 10	Per 100	Per 1000
8 to 10 feet, B&B.....	80.00	—	—
8 to 10 feet	32.50	300.00	2750.00
6 to 8 feet	27.50	250.00	2250.00
5 to 6 feet	22.00	200.00	1750.00
4 to 5 feet	16.00	150.00	1350.00

SHADE AND ORNAMENTAL TREES (Continued)

HONEYLOCUST, PATENTED VARIETIES

IMPERIAL LOCUST

(Plant Patent No. 1605)

The IMPERIAL locust is an exceptionally graceful, spreading variety that is destined for recognition as one of the outstanding trees of this age. Branches are symmetrically arranged, forming a much more regular and compact tree than other Honeylocusts. It grows straight and strong without staking and produces a dense and uniform crown with a minimum of trimming in the nursery.

	10-29 Each	30-99 Each	100-299 Each
7 to 8 feet, 1 yr. whips	2.80	2.45	2.20
6 to 7 feet, 1 yr. whips	2.40	2.15	1.90
5 to 6 feet, 1 yr. whips	2.05	1.85	1.65
4 to 5 feet, 1 yr. whips	1.80	1.60	1.40
3 to 4 feet, 1 yr. whips	1.65	1.45	1.25

Moraine (Plant Patent No. 836) See page 25.

SHADEMASTER LOCUST

(Plant Patent No. 1515)

This tree is the result of the painstaking examination of 20,000 individual trees. It is thornless and grows so straight it needs no staking. Has ascending branches with heavy dark green foliage. Forms a remarkably symmetrical top. Grows rapidly and is drought resistant. Undoubtedly one of the best.

	10-49 Each	50-249 Each	250-up Each
8 to 9 feet, 1 yr. whips	4.00	3.20	2.80
7 to 8 feet, 1 yr. whips	3.35	2.70	2.40
6 to 7 feet, 1 yr. whips	2.75	2.25	2.00
5 to 6 feet, 1 yr. whips	2.25	1.80	1.60
3 to 4 feet, 1 yr. whips	1.40	1.20	1.10

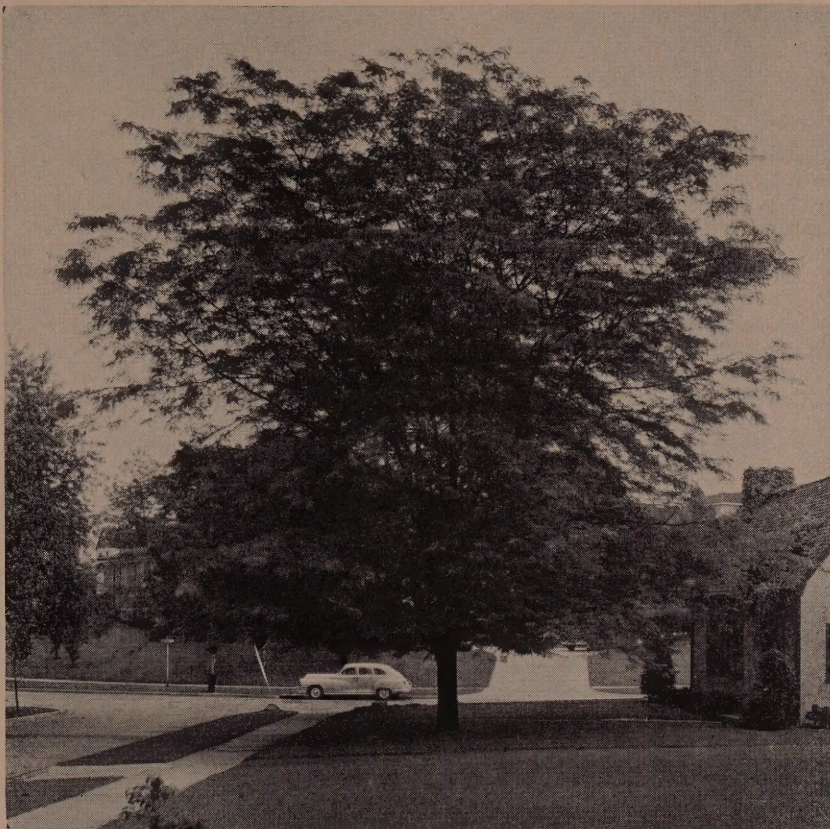
SKYLINE LOCUST

(Plant Patent No. 1619)

Skyline locust is a stately and unusual variety with distinctive pyramidal form. It develops an exceptionally strong, sturdy trunk and shapely crown without being staked or specially trimmed. Branches are uniformly spaced and arranged, resulting in a well-filled tree of rather formal appearance. The leaves of Skyline are dark green and of a heavy, leathery texture. They are more closely spaced, and the leaflets are larger than the average Honeylocust produces, thereby contributing to the compact appearance of the crown. An added touch is the reddish-bronze cast which characterizes the emerging leaves.

	10-29 Each	30-99 Each	100-299 Each
1¼ to 1½ inch caliper, branched	6.60	6.00	—
8 to 10 feet, branched	6.00	5.40	4.90
6 to 8 feet, branched	4.70	4.25	3.85
5 to 6 feet, branched	3.75	3.35	3.00
4 to 5 feet, branched	3.15	2.75	2.25
7 to 8 feet, 1 yr. whips	2.80	2.45	2.20
5 to 6 feet, 1 yr. whips	2.05	1.85	1.65
4 to 5 feet, 1 yr. whips	1.80	1.60	1.40
3 to 4 feet, 1 yr. whips	1.65	1.45	1.25

SHADE AND ORNAMENTAL TREES (Continued)

MORaine LOCUST

(Plant Patent No. 836)

The Moraine Locust is a round-headed tree when young, but tall and vase-shaped when older, attaining a height of 80 to 100 feet. It grows more rapidly than the common type of locust because of the absence of seed pods and thorns. This attribute, together with the small leaflets which mostly drift into the lawn between the blades of grass, makes little fall clean-up necessary. It stands pruning well but very little is necessary since the lower branches self-prune as the top grows wider. This makes it desirable for narrow street planting of small properties, as sufficient clearance can be maintained for any type of traffic. Transplants easily. 75 to 100 feet.

	10-29 Each	30-99 Each	100-299 Each
8 to 9 feet, 1 yr. whips	4.00	3.60	3.20
7 to 8 feet, 1 yr. whips	3.35	3.00	2.70
6 to 7 feet, 1 yr. whips	2.75	2.50	2.25
5 to 6 feet, 1 yr. whips	2.25	2.00	1.80
4 to 5 feet, 1 yr. whips	1.80	1.65	1.50

SHADE AND ORNAMENTAL TREES (Continued)
HONEYLOCUST, PATENTED (Continued)

SUNBURST LOCUST
(Plant Patent No. 1313)

The first new color in a hardy ornamental shade tree in decades. Bright golden foliage on 8 to 10 inches of branch tips, contrasts with the rich green of the balance of the tree; appears to be in bloom all summer. Broadly pyramidal head and excellent branching habit creates a beautiful symmetry.

	10-29 Each	30-99 Each	100-299 Each
4 to 5 feet, 1 yr. branched	2.55	2.25	2.00
8 to 9 feet, 1 yr. whips	3.45	3.05	2.70
7 to 8 feet, 1 yr. whips	3.10	2.75	2.45
6 to 7 feet, 1 yr. whips	2.80	2.45	2.20
5 to 6 feet, 1 yr. whips	2.45	2.20	1.95
4 to 5 feet, 1 yr. whips	2.05	1.85	1.65
3 to 4 feet, 1 yr. whips	1.65	1.55	1.35

LIQUIDAMBAR STYRACIFLUA (Sweet-gum). Large stately tree with fragrant star-shaped foliage that turns brilliant scarlet in autumn. Very desirable shade and ornamental tree. 75 to 100 feet.

	Per 10	Per 100
6 to 8 feet, B&B	60.00	—

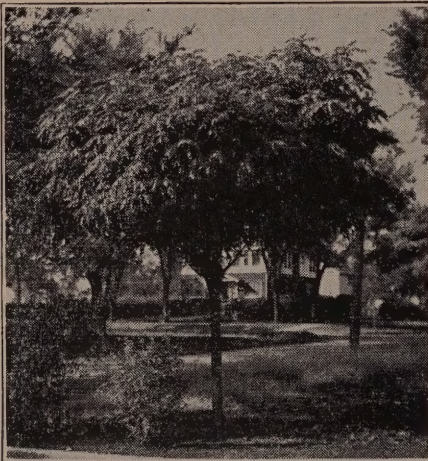
(We have a few specimen trees 3 to 5 inch caliper. If interested, write for prices.)

LIRIODENDRON TULIIFERA (Tulip-tree). One of the noblest and tallest American trees. Interesting truncated leaves; large showy yellow blossoms. 100 to 150 feet

	Per 10 Each	Per 100 Each
2 to 2½ inch caliper, B&B	15.00	13.50
1½ to 2 inch caliper, B&B	10.00	9.00
1¼ to 1½ inch caliper, B&B	9.00	8.00
6 to 8 feet, B&B	6.50	6.00
5 to 6 feet, B&B	4.50	4.00

LOCUST

GLOBE LOCUST
(Robinia pseudoacacia umbraculifera)



A splendid small ornamental tree that develops a compact symmetrical round top without shearing. Makes a good shade tree when mature. Desirable for planting under utility wires and on streets where larger trees are not practical, and for formal effect. Thornless, hardy and drought-resistant. Very popular in Europe where it is widely planted on streets, in gardens and in parks.

	Per 10	Per 100
6 foot stems	35.00	—

SHADE AND ORNAMENTAL TREES (Continued)**LOCUST (Continued)****IDAHO LOCUST*****Robinia pseudoacacia idahoensis***

A remarkable tree that will become popular when it is better known. In the spring it blossoms out with large clusters of bright pink flowers resembling sweet peas. The tree grows rapidly, is thornless, and has handsome dark green compound leaves. Furthermore it is extremely hardy and drought-resistant.

	Per 10	Per 100	Per 1000
6 to 8 feet	27.50	250.00	2250.00
5 to 6 feet	21.50	200.00	1750.00
4 to 5 feet	16.50	150.00	—
3 to 4 feet	11.50	100.00	—

Flowering (See Roseacacia)

MAPLE (Acer)

Amur (*A. ginnala*). Small tree or large shrub producing fragrant flowers in panicles. Leaves are small, shiny, three-lobed and turn brilliant colors in autumn. Highly ornamental.

	Per 10	Per 100	Per 1000
8 to 10 feet	—	40.00	350.00
6 to 8 feet	—	30.00	275.00
5 to 6 feet	—	22.50	200.00

Soft or Silver (*A. saccharinum*)

Fast-growing tree with gray bark and deeply cut leaves that are green above and silvery beneath. Our trees are superior to the common run of nursery-grown soft maple because they are grown with central leaders without crotches, are well branched with straight smooth trunks of good caliper. 60 to 80 feet.

	Per 10	Per 100	Per 1000
1½ to 2 inch caliper	30.00	275.00	—
1¼ to 1½ inch caliper	25.00	225.00	—
8 to 10 feet	22.50	200.00	1750.00
6 to 8 feet	15.00	140.00	1250.00

Sugar (*A. saccharum*) Sugar Maple. A slow-growing but highly ornamental tree. Foliage turns bright colors in autumn.

	Per 10	Per 100
1¼ to 1½ inch caliper, B&B	70.00	—
8 to 10 feet, B&B	60.00	—
6 to 8 feet, B&B	45.00	—
5 to 6 feet, B&B	30.00	—

OAK (Quercus)

Bur (*Q. macrocarpa*). A beautiful stately tree with broad spreading top. Acorns have mossy caps that cover half or more of the nut. Leaves very large. 80 feet.

4 to 5 feet, B&B	40.00	—
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Pin (See page 28)

Red (*Q. borealis*). Beautiful oak of rapid growth, growing into a large majestic tree. Foliage turns dark red in fall. 80 feet.

	Per 10	Per 100	Per 1000
1½ to 2 inch caliper, B&B	120.00	—	—
1¼ to 1½ inch caliper, B&B	100.00	—	—
8 to 10 feet, B&B	90.00	—	—
6 to 8 feet, B&B	70.00	—	—
5 to 6 feet, B&B	50.00	—	—
4 to 5 feet, B&B	40.00	—	—

SHADE AND ORNAMENTAL TREES (Continued)**OAK (Continued)****PIN OAK (*Quercus palustris*)**

The production of Pin Oaks is a specialty with us and we have a large stock in many sizes. They grow to perfection under our conditions with good straight central leaders, good caliper for height, and well branched. Contrary to popular belief, the Pin Oak is a rapid growing tree. It has handsome, deeply cut foliage that turns bright colors in autumn; pyramidal habit of growth. Excellent for lawn, street and park planting.

	Per 10 Each	Per 100 Each
3½ to 4 inch caliper, B&B	35.00	—
3 to 3½ inch caliper, B&B	30.00	25.00
2½ to 3 inch caliper, B&B	23.50	20.00
2 to 2½ inch caliper, B&B	15.00	13.50
1½ to 2 inch caliper, B&B	10.00	9.00
6 to 8 feet, B&B	6.50	6.00
5 to 6 feet, B&B	4.50	4.00

Larger sizes available. Write for prices.

SPECIAL OFFER OF PIN OAKS

Root-pruned, field-grown trees at low prices. Nice straight trunks with good caliper for the height. Ideal for canning or potting for cash and carry sales. Also desirable for lining-out to gain time in producing large trees for landscape planting.

Height	Minimum Caliper	Per 10	Per 100
5 to 6 feet, BR	¾ inch	11.50	100.00
4 to 5 feet, BR	⅝ inch	8.50	75.00
3 to 4 feet, BR	⅜ inch	5.50	50.00
2 to 3 feet, BR	⅜ inch	4.00	35.00

OLIVE (See Russian Olive)**PEACH, DOUBLE-FLOWERING (See *Prunus Persica*)****PHELLODENDRON AMURENSE
(Amur Corktree)**

A little-known but highly desirable tree from eastern Asia. Compound foliage resembling that of the Walnut, and brown corky bark. Hardy in the north and adapted to most soils. 50 feet.

	Per 10	Per 100
1½ to 2 inch caliper	42.50	400.00
1¼ to 1½ inch caliper	35.00	325.00

PLUM, PURPLE LEAF (See *Prunus*)**POPLAR (*Populus*)**

Balm of Gilead (*P. candicans*). This selection comes from New Mexico. Very popular for shade tree planting in the Southwest.

	Per 10	Per 100	Per 1000
8 to 10 feet	11.00	100.00	—
6 to 8 feet	8.00	75.00	—
5 to 6 feet	5.50	50.00	—
5 to 6 feet, whips	2.50	21.00	180.00
4 to 5 feet, whips	1.75	14.00	120.00
3 to 4 feet, whips	1.20	10.00	90.00

SHADE AND ORNAMENTAL TREES (Continued)**POPLAR (Continued)**

Bolleana (Bolles Poplar). An aristocratic tree of many uses. Slender, narrow habit of growth; smooth gray-green bark. Leaves dark green above, white beneath. Grows eventually to be 75 to 100 feet high. Useful in formal, street and screen plantings. It is long-lived, outlasting Lombardy Poplar many years, and does not shed its branches or twigs.

	Per 10	Per 100	Per 1000
1¼ to 1½ inch caliper	22.00	200.00	—
8 to 10 feet	19.00	175.00	—
6 to 8 feet	13.50	125.00	—
8 to 10 feet, whips	14.00	125.00	—
6 to 8 feet, whips	10.00	90.00	—
5 to 6 feet, whips	6.50	60.00	—
4 to 5 feet, whips	4.00	35.00	—

Carolina or Norway (P. canadensis eugenei). Fastest-growing poplar, cottonless. Excellent for screen, windbreaks, shelterbelts and quick shade. 75 feet.

1¼ to 1½ inch caliper	12.50	110.00	—
8 to 10 feet	11.00	100.00	900.00
6 to 8 feet	8.00	75.00	700.00
5 to 6 feet	5.50	50.00	—
4 to 5 feet	3.00	25.00	—
5 to 6 feet, whips	2.50	21.00	180.00
4 to 5 feet, whips	1.75	14.00	120.00

Cheyenne. A desirable selection from the Cheyenne Horticultural Field station of the U.S.D.A. Has smooth green bark and grows into a compact symmetrical tree. Hardy and drought resistant.

8 to 10 feet	13.50	125.00	—
6 to 8 feet	11.00	100.00	—
5 to 6 feet	8.00	75.00	—
4 to 5 feet	5.50	50.00	—
3 to 4 feet	3.00	25.00	—
5 to 6 feet, whips	2.50	21.00	180.00
4 to 5 feet, whips	1.75	14.00	120.00

Lombardy (P. nigra italica)

Tall slender, rapid growing tree. Used for accent on landscape plantings, screen plantings, windbreaks and shelterbelts. Widely used to plant on property lines of new homes, especially in the rear now that alleys are out of style.

Branched low	Per 10	Per 100	Per 1000
8 to 10 feet	7.00	65.00	600.00
6 to 8 feet	6.00	50.00	450.00
5 to 6 feet	4.00	35.00	300.00
4 to 5 feet	3.00	25.00	220.00

Whips and Lightly Branched

6 to 8 feet	2.50	22.00	200.00
5 to 6 feet	1.80	16.00	150.00
4 to 5 feet	1.25	11.00	100.00
3 to 4 feet	1.00	8.50	75.00

SHADE AND ORNAMENTAL TREES (Continued)**POPLAR (Continued)**

Theve or Algerian Poplar (*P. nigra thevestina*). Closely resembles Lombardy poplar of which it is a more hardy type. Generally considered to be longer-lived than Lombardy.

	Per 10	Per 100	Per 1000
8 to 10 feet	8.50	75.00	—
6 to 8 feet	6.50	60.00	—
5 to 6 feet	4.50	40.00	—
6 to 8 feet, whips	3.00	25.00	—
5 to 6 feet, whips	2.10	18.00	160.00
4 to 5 feet, whips	1.40	12.00	110.00
3 to 4 feet, whips	1.20	10.00	90.00

PRUNUS (Plum)**Besseyi (See Shrubs)**

Newport. Purple leaf Plum. Pink flowers in spring. Purplish-red foliage all summer.

6 to 8 feet	22.50	200.00	—
5 to 6 feet	16.50	150.00	—
4 to 5 feet	13.50	125.00	—
3 to 4 feet	11.00	100.00	900.00
2 to 3 feet	8.00	75.00	—
2 to 3 feet, shrub form	8.00	75.00	—
18 to 24 inches, shrub form	6.50	60.00	—

Persica (Flowering Peach)

Cardinal. Large fully double, deep red flowers.

4 to 5 feet	9.00	85.00	—
3 to 4 feet	6.50	60.00	—
2 to 3 feet	4.00	35.00	—

Charming. Double, light pink flowers.

5 to 6 feet	12.00	110.00	—
4 to 5 feet	9.00	85.00	—
3 to 4 feet	6.50	60.00	—
2 to 3 feet	4.00	35.00	—

Iceburg. Double, early, snow white.

5 to 6 feet	12.00	110.00	—
4 to 5 feet	9.00	85.00	—
3 to 4 feet	6.50	60.00	—
2 to 3 feet	4.00	35.00	—

Peppermint stick. Double, red and white striped flowers.

5 to 6 feet	12.00	110.00	—
4 to 5 feet	9.00	85.00	—
3 to 4 feet	6.50	60.00	—
2 to 3 feet	4.00	35.00	—

Tomentosa (See Shrubs)

Triloba. (Flowering Plum). Small tree or large shrub with slender branches, thickly set double pink flowers in April-May. 10 feet.

3 to 4 feet	11.00	100.00	—
2 to 3 feet	8.00	75.00	—

REDBUD**WHITEBUD**

A selection of *Cercis canadensis* with pure white flowers. Blooms profusely before the leaves appear. An aristocratic ornamental tree.

6 to 8 feet, B&B	each	15.00
5 to 6 feet, B&B	each	10.00

Also available bare root. Ask for prices.

SHADE AND ORNAMENTAL TREES (Continued)**REDBUD (Continued)****THE PINKBUD****New Flowering Tree****Strikingly Beautiful****Useful for sensational landscape effects.**

This beautiful tree was discovered a few years ago growing wild on a private estate near Kansas City. It attracted attention on account of its pure, bright, shining, clear true-pink flowers contrasting sharply with the magenta of the ordinary Redbud.

We obtained permission to propagate this wonderful discovery and we are now pleased to be able to offer a limited number of very nice trees of landscape size.

6 to 8 feet, B&B	each	15.00
5 to 6 feet, B&B	each	10.00

Also available bare root. Ask for prices.

ROSEACACIA STANDARDS (*Robinia hispida*). Moss locust grafted on locust stems to make a small formal tree. Blooms heavily in spring with clusters of bright pink sweet-pea flowers.

	Per 10	Per 100	Per 1000
5 foot stems	27.50	—	—
4 foot stems	22.50	—	—

SMOKE TREE (See *Cotinus* under Shrubs)

SOPHORA JAPONICA (Japanese Pagodatree). Handsome round-headed tree with spreading branches and attractive divided leaves. Bark dark green even into maturity. Blooms with large panicles of creamy-white flowers in mid-summer, followed by bean-like fruits. Very drought resistant.

6 to 8 feet	60.00	500.00	—
5 to 6 feet	45.00	400.00	—
3 to 4 feet	27.50	250.00	—

RUSSIAN OLIVE (Also see *Elaeagnus* under Shrubs).

Tree Form. Very hardy, silvery leaves. Fruit silvery-yellow. Fragrant flowers. 20 ft.

4 to 5 feet	9.50	85.00	—
3 to 4 feet	7.00	60.00	—

SWEETGUM (See *Liquidambar*)

SYCAMORE, American. (*Platanus occidentalis*). Large, handsome leaves, smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance. Heat and drought resistant. 100 to 150 feet.

1½ to 1¾ inch caliper	37.50	350.00	—
1¼ to 1½ inch caliper	33.00	300.00	—
8 to 10 feet	27.50	250.00	2250.00

THORN (*Crataegus*)

Washington (*C. phaenopyrum*). A very desirable species with beautiful scarlet coloring in autumn and large clusters of bright red fruit, remaining on the branches for a long time. Upright habit of growth and rather slender. Desirable for hedges and screens. 20 to 30 feet.

5 to 6 feet	33.00	300.00	—
2 to 3 feet	11.00	100.00	—

TULIP-TREE (See *Liriodendron*)

SHADE AND ORNAMENTAL TREES (Continued)**WILLOW (*Salix*)****GLOBE WILLOW**
(*Salix umbraculifera*)

A handsome tree that is remarkable because it has a formal, compact and perfectly symmetrical rounded top without trimming. Withstands extreme heat and drought. A desirable ornamental tree for lawn or formal planting or for planting in restricted areas and under utility wires.

	Per 10	Per 100
6 to 8 feet, 2 year	15.00	135.00
5 to 6 feet, 2 year	11.00	100.00
4 to 5 feet, 2 year	7.50	70.00
3 to 4 feet, 2 year	5.50	50.00
2 to 3 feet	3.00	25.00
5 to 6 feet, 1 year	4.50	40.00
4 to 5 feet, 1 year	3.50	30.00
3 to 4 feet, 1 year	2.50	20.00

Niobe Weeping (*S. babylonica* var. *aurea*). Irregular picturesque habit of growth. The long gracefully drooping branches are brilliant yellow. Especially attractive in winter.

	Per 10	Per 100	Per 1000
3 to 4 feet	4.00	35.00	—
2 to 3 feet	3.00	25.00	—
5 to 6 feet, 1 year	4.00	35.00	—
4 to 5 feet, 1 year	3.00	25.00	—
3 to 4 feet, 1 year	2.00	15.00	—

Thurlow Weeping (*S. elegantissima*). Dark green bark, slender graceful leaves. Withstands heat better than Wisconsin Weeping Willow.

	Per 10	Per 100	Per 1000
6 to 8 feet	12.50	115.00	—
5 to 6 feet	9.50	85.00	750.00
4 to 5 feet	5.50	50.00	450.00
5 to 6 feet, 1 year	4.00	35.00	—
4 to 5 feet, 1 year	3.00	25.00	—
3 to 4 feet, 1 year	2.00	15.00	—

Wisconsin Weeping (*S. blanda*). Long drooping branches. Extremely graceful. Green bark.

	Per 10	Per 100	Per 1000
5 to 6 feet, 1 year	4.00	35.00	—
4 to 5 feet, 1 year	3.00	25.00	—
3 to 4 feet, 1 year	2.00	15.00	—

YELLOW WOOD (See *Cladrastis*)**ZELKOVA SERRATA**

Japanese Keaki Tree. Graceful vase-like form. Small, elm-like, dark green foliage. 60 feet.

	Per 10	Per 100	Per 1000
4 to 5 feet	12.50	—	—
3 to 4 feet	10.00	—	—

If you have an office or display room you need wall charts and posters to help sell your nursery stock to your customers. We have a wall poster 25 × 37" illustrating in full color a total of 32 shrubs, trees, evergreens, and vines. If you do not have one of these charts, and would like to have one, drop us a line and we will be glad to send one.

EVERGREENS

The name Willis has become synonymous with Quality in evergreens and there is good reason for it.

A crew of trained men spends most of its time in our evergreens shearing and pruning with skilled hands to insure compactness and symmetry. No diseases or insect pests are permitted a foothold in our trees and no weeds, noxious or otherwise, will be found in our evergreen blocks. We would like to have you come to see for yourself.

All of our evergreens are grown in soil especially suitable for balling. Although we cannot assume responsibility for results, our evergreens have given satisfaction throughout the middlewest.

All evergreens are priced balled and burlapped (B & B).

All of our evergreens are sold with the understanding that if they are received in good condition and are accepted, we assume no further responsibility. We do not guarantee survival.

WILT-PRUFING

If you would like to have your evergreens sprayed with Wilt-Pruf before they are dug, we are prepared to do it for the following additional charges:

Upright	Spreaders	Cost per tree
Up to 3 feet	Up to 24 inches	\$.25
3 feet to 5 feet	24 inches to 36 in.	\$.30
Over 5 feet	Over 3 feet	\$.35

NO-ROT BURLAP

Customers may have their evergreens burlapped with No-Rot burlap. This is specially treated to make it last several months longer than untreated burlap. **There will be a nominal charge of only 10¢ per tree for this service.**

CUPRESSUS (Cypress)

Arizona Gareei. Blue whipcord foliage. Compact, pyramidal form with little shearing. Heat and drought resistant.

	Each Per 10	Each Per 100
5 to 6 feet	7.25	6.50
4 to 5 feet	6.25	5.75

Arizona Greenwood. Similar to Gareei except with good green foliage.

6 to 7 feet	8.50	7.50
5 to 6 feet	7.25	6.50
4 to 5 feet	6.25	5.75

EUONYMUS (See Broadleaf Evergreens)

JUNIPERUS (Juniper)

Chinensis columnaris, Blue. Compact, columnar form. Definite blue cast to foliage.

6 to 7 feet	8.75	8.00
5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00

Chinensis columnaris, Green. Compact, columnar form. With bright green foliage.

6 to 7 feet	8.75	8.00
5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00

EVERGREENS (Continued)**JUNIPERUS (Continued)**

Chinensis Iowa (Upright). Compact grower with bright green foliage. Pyramidal habit of growth.

	Each Per 10	Each Per 100
4 to 5 feet	6.85	6.25
3 to 4 feet	5.75	5.25
2 to 3 feet	4.65	4.25

Chinensis Keteleeri. Compact pyramidal form with ascending branches and dark green whipcord foliage.

6 to 7 feet	8.00	7.50
5 to 6 feet	7.25	6.75
4 to 5 feet	6.25	5.75
3 to 4 feet	5.50	5.00
2 to 3 feet	5.25	4.75

Chinensis mascula. Compact, pyramidal form. Good foliage and color.

5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00

Chinensis pfitzeriana (Pfitzer's J.). Low growing compact tree with horizontally spreading branches. Most popular spreading evergreen.

4 to 5 feet	9.00	8.00
3½ to 4 feet	7.25	6.50
3 to 3½ feet	(4.75 each, per 1000)	5.75
2½ to 3 feet	(3.75 each, per 1000)	4.40
2 to 2½ feet	(3.25 each, per 1000)	3.85
18 to 24 inches	(2.75 each, per 1000)	3.30
15 to 18 inches	2.75	2.50
12 to 15 inches	2.50	2.25

Chinensis pfitzeriana aurea (Golden Pfitzer). The new growth is golden yellow making an interesting contrast with the green foliage; useful for adding a note of color to the landscape.

	Each Per 10	Each Per 100
3 to 3½ feet	5.50	5.00
2½ to 3 feet	4.40	4.00
2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00

Chinensis pfitzeriana, Silver Blue. Similar to the regular Pfitzer Juniper, but with shining silvery-blue color.

	Each Per 10	Each Per 100
3 to 3½ feet	5.50	5.00
2½ to 3 feet	4.50	4.00
2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00
15 to 18 inches	3.00	2.75

Chinensis procumbens (Creeping Chinese J.). Low spreading shrub. One of the best groundcover evergreens.

2 to 2½ feet	5.00	4.50
18 to 24 inches	4.25	3.75
15 to 18 inches	3.30	3.00
12 to 15 inches	2.75	2.50

Communis depressa plumosa (Andorra J). Makes a dense spreading groundcover; foliage purple in winter.

2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00
15 to 18 inches	3.00	2.75
12 to 15 inches	2.75	2.50

EVERGREENS (Continued)**JUNIPERUS (Continued)**

Excelsa stricta (Spiny Greek J.) Semi-dwarf, broadly conical form with heavy bluish foliage.

	Each Per 10	Each Per 100
2 to 2½ feet	3.85	3.50
18 to 24 inches	2.75	2.50
15 to 18 inches	2.25	2.00
12 to 15 inches	2.00	1.75

Glauca hetzi. Rapid growing spreader with blue-green foliage. Resembles Pfitzer but lighter color.

2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00
15 to 18 inches	2.75	2.50

Glauca hetzi, Globes. Sheared into compact globes. Blue-green foliage excellent for entrance plantings.

15 to 18 inches	3.85	3.50
12 to 15 inches	3.35	3.00

Glauca hetzi (Staked Upright). Resembles Pfitzer's juniper, but foliage is blue-green and tree grows faster than Pfitzer.

3½ to 4 feet	7.15	6.50
3 to 3½ feet	6.00	5.50
2½ to 3 feet	5.50	5.00
2 to 2½ feet	5.00	4.50

Kosteri plumosa. Spreading habit of growth, soft pliable feathery foliage. Gracefully arching branches.

	Each Per 10	Each Per 100
2½ to 3 feet	5.00	4.50
2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00
15 to 18 inches	2.75	2.50
12 to 15 inches	2.50	2.25

Sabina (Savin J.) Low vase-shaped, very dark green.

	Each Per 10	Each Per 100
3 to 3½ feet	5.50	5.00
2½ to 3 feet	4.40	4.00
2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00
15 to 18 inches	3.00	2.75

Sabina Von Ehron (Von Ehron's J.) Dark green spreader with rising branches. Shears well and makes a good spreader where more height is desired.

2 to 2½ feet	3.85	3.50
18 to 24 inches	3.30	3.00
15 to 18 inches	2.75	2.50

Sabina von Ehron (Globes). Sheared into compact globe form.

2 to 2½ feet	5.00	4.50
18 to 24 inches	4.50	4.00
15 to 18 inches	3.85	3.50
12 to 15 inches	3.35	3.00

Scopulorum Blue-Green. Foliage blue-green. Grows into a compact tree with very little shearing.

	Each Per 10	Each Per 100
5 to 6 feet	8.50	7.50
4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

EVERGREENS (Continued)**JUNIPERUS (Continued)**

Scopulorum Chandler. Broadly pyramidal tree with bright silvery foliage. Shears well.

	Each Per 10	Each Per 100
4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.50	4.00

Scopulorum Cologreen. Light green foliage, similar in color to Sutherland. Broadly pyramidal and compact.

5 to 6 feet	8.50	7.50
4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Scopulorum Crawford. Compact, broadly pyramidal in shape. Silvery-blue foliage. Blight resistant.

5 to 6 feet	8.50	7.50
4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Scopulorum Gray Gleam (Pat. No. 848). A choice variety of scopulorum juniper with steel gray foliage. Grows in a compact cone shape; highly ornamental.

5 to 6 feet	9.00	8.00
4 to 5 feet	7.50	7.00
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.00	4.75

Scopulorum Moffeti. Blue-green foliage, dense pyramidal habit.

4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

JUNIPER SCOPULORUM*Platinum*

An Outstanding New Evergreen

(Plant Patent No. 1070)

This splendid new Juniper, recently introduced by us, is finding wide acceptance. Its brilliant silvery blue color is retained the year around. It grows fairly rapidly, but because the foliage is so dense, very little shearing is required to make it compact and symmetrical. Especially adapted to the Great Plains, the Mountain states, and the Southwest. It has never blighted with us. Upright pyramidal shape.

	Each Per 10	Each Per 100
5 to 6 feet	9.00	8.00
4 to 5 feet	7.50	7.00
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25

EVERGREENS (Continued)

JUNIPERUS (Continued)

Scopulorum Pathfinder. Silvery-blue foliage; slender pyramidal habit; compact.

	Each Per 10	Each Per 100
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Scopulorum Silver Column. Broadly pyramidal form with beautiful silvery-blue foliage.

4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.35	4.00

Scopulorum Steel Blue. Dark blue-green foliage. Naturally compact, requires very little shearing.

	Each Per 10	Each Per 100
4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Scopulorum Sutherland. Light silvery green foliage. The best of the so-called green scopulorum.

	Each Per 10	Each Per 100
4 to 5 feet	7.15	6.50
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Scopulorum Welchi. Columnar habit, greenish-silver foliage. Requires very little shearing.

5 to 6 feet	8.50	7.75
4 to 5 feet	7.50	6.75
3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00

Virginiana burki. Compact, pyramidal form, foliage distinctly blue.

5 to 6 feet	9.00	8.00
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75
2 to 2½ feet	4.50	4.25

Virginiana Canaerti. Pyramidal evergreen with very dark green whipcord foliage. One of the finest of all upright evergreens.

3 to 3½ feet	6.00	5.00
2½ to 3 feet	5.50	5.00
2 to 2½ feet	4.75	4.50

Virginiana Cupressifolia (Hillspire J.). Resembles Canaerti juniper in color and form but grows faster.

3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75

Virginiana Deforest Green. Resembles Canaert but has finer foliage and grows faster and more compact.

4 to 5 feet	7.50	7.00
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75

EVERGREENS (Continued)**JUNIPERUS (Continued)**

Virginiana Henryi. Dark green foliage, symmetrical pyramidal habit of growth. Stays green all winter.

	Each Per 10	Each Per 100
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75

Virginiana Hill. (Hill's Dundee J). Typical red cedar form, but dark green. Very compact, foliage turning plum color in winter. A variety to be highly recommended.

4 to 5 feet	7.15	6.50
3 to 4 feet	6.25	5.75
2 to 3 feet	5.50	5.00

Virginiana Keteleeri (See Chinensis Keteleeri)

Virginiana Manhattan Blue. Selected strain of *Juniperus virginiana*. Compact habit of growth, and bluish foliage.

4 to 5 feet	7.35	6.75
3 to 4 feet	6.50	6.00
2 to 3 feet	5.25	4.75

Virginiana Yates Center. Selected pyramidal type with bright green foliage. Requires little shearing to keep compact.

4 to 5 feet	6.25	5.75
3 to 4 feet	5.50	5.00
2 to 3 feet	5.00	4.50

THUJA (Arbor Vitae)

Aurea nana (Berckman's Golden A. V.). Semi-dwarf oval-shaped tree, with golden foliage. Very compact.

3½ to 4 feet	5.00	4.50
3 to 3½ feet	4.40	4.00
2½ to 3 feet	3.90	3.50
2 to 2½ feet	3.40	3.00
18 to 24 inches	2.75	2.50
15 to 18 inches	2.25	2.00

Bonita. Broad, rounded shape, very dark green foliage. Semi-dwarf.

3½ to 4 feet	4.65	4.25
3 to 3½ feet	4.25	3.75
2½ to 3 feet	3.50	3.25
2 to 2½ feet	3.00	2.75

Crawford's Compact. Dark green, fine foliage. Medium width, compact.

5 to 6 feet	5.50	5.00
4 to 5 feet	4.75	4.25
3 to 4 feet	3.85	3.50

Excelsa. Broad, fine foliage, dark green color.

5 to 6 feet	5.50	5.00
4 to 5 feet	4.50	4.25
3 to 4 feet	3.85	3.50
2 to 3 feet	3.00	2.75
18 to 24 inches	2.65	2.35

Holman's. Very fine foliage. Makes beautiful hedge.

5 to 6 feet	5.50	5.00
4 to 5 feet	4.65	4.25
3 to 4 feet	3.85	3.50
2 to 3 feet	3.00	2.75

PINUS (Pine)

Strobus (White Pine). Medium long needles, soft, bluish-green.

3 to 4 feet	6.00	5.50
2 to 3 feet	5.00	4.50

Euonymus Dupont

After observing the performance of this Euonymus for several years, we were so impressed by its many excellent qualities that we decided to give it a special name to distinguish it from other strains of Euonymus.

Euonymus Dupont is a selection of the small-leaf strain of *Euonymus patens* (Kiautschovicus) one of the most useful broadleaf evergreens ever introduced.

It is characterized by small dark green, clean-cut leaves set closely on the stems. It is extremely bushy for its height. Two-year-old plants often have as many as 30 to 50 canes.

In addition to making a very compact growth, it produces a vigorous root system characterized by many fibrous roots. Because of this it transplants bare root very readily. In fact it can be transplanted successfully almost any time of the year. Its growth is fairly rapid, yet it can be kept within bounds by occasional shearing. The more it is sheared the denser the growth.

Use for hedges, foundation plantings, planter boxes, walls, and individual specimens.

PRICES

		Per 10	Per 100
10 to 15 inches, B&B, heavy, well furnished		15.00	135.00
	Per 10	Per 100	Per 1000
18 to 24 inches, BR hedging	7.00	65.00	600.00
15 to 18 inches, BR hedging	5.50	50.00	450.00
10 to 15 inches, BR hedging	4.50	40.00	350.00
6 to 10 inches, BR hedging	3.50	30.00	250.00
2 inch pots	2.20	20.00	180.00



Block of two-year-old Euonymus Dupont showing dense, uniform habit of growth.



Two-year-old plant of Euonymus Dupont dug from nursery row. Note the mass of fibrous roots.

BROADLEAF EVERGREENS

BARBERRY

Mentorensis. Semi-evergreen. Best green barberry.

	Per 10	Per 100	Per 1000
2 to 2½ feet, B&B	30.00	—	—
18 to 24 inches, B&B	25.00	—	—
15 to 18 inches, B&B	20.00	—	—

COTONEASTER

Divaricata. Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

Bare Root

2 to 3 feet	9.00	85.00	—
18 to 24 inches	8.00	75.00	650.00
12 to 18 inches	5.50	50.00	450.00
2¼ inch pots	2.50	20.00	180.00

EUONYMUS DUPONT (See page 39)

EUONYMUS FORTUNEI. Broadleaf evergreen vine with thick, dark green foliage. Will cling to rough surfaces and can also be used for ground cover.

2 inch pots	2.50	22.00	200.00
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EUONYMUS FORTUNEI COLORATUS (Purpleleaf Wintercreeper). Evergreen foliage that turns bronzy-red in autumn. Excellent ground cover.

3 inch pots	4.00	35.00	300.00
2 inch pots	2.50	20.00	160.00

EUONYMUS FORTUNEI MINIMUS. Small dark green leaves. A creeping plant that will cling to brick, stone, stucco and rough boards. Use in rock gardens and on foundations and low walls.

3 inch pots	4.00	35.00	300.00
2 inch pots	3.00	25.00	200.00

EUONYMUS FORTUNEI, UPRIGHT, SARCOXIE (Upright Euonymus Radicans). New. Grows upright naturally. Makes good shrubs and thick hedges. Can be staked and sheared into columns. Dark green leaves and stems the year round. Transplants easily bare root. We consider this one of the best and most useful broadleaf evergreens introduced in recent years. Strong field-grown plants.

Balled and Burlapped

3 to 3½ feet	50.00	450.00	—
2½ to 3 feet	42.50	375.00	—
2 to 2½ feet	37.50	325.00	—
18 to 24 inches	35.00	300.00	—
15 to 18 inches	25.00	225.00	—
12 to 15 inches	20.00	175.00	—

Bare Root

10 to 15 inches	6.50	60.00	550.00
6 to 10 inches	4.50	40.00	350.00
2 inch pots	2.50	22.00	200.00

EUONYMUS FORTUNEI VEGETUS. A slow growing plant with rounded, thick, leathery leaves. Grows as a clinging vine or can be sheared into a shrub.

2 inch pots	2.50	22.00	200.00
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BROADLEAF EVERGREENS (Continued)

EUONYMUS PATENS. (Kiautschovicus). (Large leaf.) Field-grown, large leaf variety for mass or formal plantings, or as individual specimens.

Balled and Burlapped

	Per 10	Per 100	Per 1000
2½ to 3 feet	35.00	325.00	—
2 to 2½ feet	30.00	275.00	—
18 to 24 inches	22.50	200.00	—
15 to 18 inches	17.50	150.00	—

Bare Root

18 to 24 inches	6.50	60.00	—
15 to 18 inches	5.00	45.00	400.00
10 to 15 inches	4.00	35.00	300.00
2 inch pots	2.00	18.00	160.00

EUONYMUS PATENS. Manhattan (New). Introduced by Kansas State University. Dark, glossy foliage, very desirable. Holds color better in winter than other strains of Patens.

Bare Root

15 to 18 inches	5.50	50.00	—
10 to 15 inches	4.50	40.00	—

MAHONIA

Aquifolium. Oregon Holly-grape. Fine shiny-leaved broadleaf. Yellow flowers, purple-black berries. Holly-like foliage.

Note: Mahonia defoliates naturally in spring before putting out new leaves. We do not guarantee to deliver Mahonia in spring with last season's foliage intact.

12 to 15 inches, B&B	30.00	275.00	—
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BROADLEAF EVERGREENS IN PLANTAINERS

We are growing a good assortment of broadleaf evergreens in Plantainers, including Cotoneaster, Euonymus, Pyracantha. Write for special list.

NOTE: See Lining-out Stock for other varieties of Broadleaf Evergreens.

LINING-OUT STOCK

Our modern propagating plant is devoted to the production of high quality lining-out stock. We offer an excellent assortment of shrubs, shade trees, vines, evergreens, broadleaf evergreens. See pages 44 to 50.

PEONIES

Spring 1961

Standard 3 to 5 eye divisions from young plants not over three years old. We do not cut any flowers from our fields, so you can depend upon receiving strong healthy plants. Figures in parenthesis imply the ratings originally given by the American Peony Society.

Varieties marked with an asterisk (*) are recommended as good varieties for cut flowers.

	Per 10	Per 100
* Baroness Schroeder. (9.0) Flesh-pink changing to white with creamy center. Late midseason. Fragrant.	6.50	60.00
Duchesse de Nemours. (8.1) Double, large, early. White outer petals, yellow tinge in center petals. Very floriferous.	4.50	40.00
* Edulis Superba. (7.6) Very double, very early, medium size. Clear deep pink blooms; tall plants.	3.20	28.00
* Felix Crousse. (8.4) Large, bright rosy-red. Late midseason.	4.00	35.00
* Festiva Maxima. (9.3) Double white with crimson flecks on center petals. Midseason.	4.50	40.00
* Fontenelle. Large, dark red, blooms in midseason.	4.50	40.00
Frances Willard. (9.1) Late midseason, opens pale pink, changing to white with yellow suffusion in collar.	5.00	45.00
Lady Alexandra Duff. (9.1) Large, light blush-pink. Midseason.	4.50	40.00
* Mme. de Verneville. (7.9) White with blush-white center; tips flecked crimson; free-flowering; early.	4.00	35.00
* Mme. Emile Galle. (8.5) Large, double, light rose-pink. Fair rose fragrance. Late, free-flowering.	5.00	45.00
* Mme. Jules Calot. (8.1) Very light old-rose pink with creamy tints in collar. Darker center marked crimson. Early.	4.00	35.00
Mme. Jules Dessert. (9.4) Creamy white with center tints of buff and pale pink. Late midseason.	5.00	45.00
* Mary Brand. (8.7) Dark, clear crimson. Fragrant, midseason.	5.50	50.00
* Octavie Demay. (8.5) Early. Light old-rose pink with darker center, few crimson markings. Dwarf, free-flowering.	4.50	40.00
Reine Hortense. (8.7) Very large, midseason. Rose-pink with crisp fluffy petals of translucent texture.	4.00	35.00
* Sarah Bernhardt. (9.0) Light rose-pink, petals silvered lighter on tips. Fragrant, late.	4.50	40.00
Tourangelle. (9.4) Double, late, bomb-shaped flowers, pale cream-white shaded tan and flesh-pink. Fragrant.	5.00	45.00

PEONIES BY COLOR

Red, unnamed	3.00	25.00
Pink, unnamed	3.00	25.00
White, unnamed	3.50	30.00

PERENNIALS

All of the perennials offered here are field-grown, except as otherwise noted. We recommend express shipment for perennials, because they are too perishable for freight shipment.

AJUGA (Carpet Bugle)

Reptans. A low, dense, fast-spreading perennial creeping plant, excellent for covering ground in shady areas. Blue flowers in early summer.

	Per 10	Per 100	Per 1000
3 inch pots	2.50	22.00	200.00
2 inch pots	2.00	18.00	160.00

Pyramidalis. Rich dark green foliage. Flowers larger and taller than those of common Ajuga. Excellent ground cover.

2 inch pots	2.50	20.00	—
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BLEEDING HEART (See Dicentra)

CARYOPTERIS INCANA (Blue Spirea) Azure. A New blue spirea introduced by U.S.D.A. Deeper blue flowers and more compact shrub than Blue Mist.

No. 1	4.50	40.00	350.00
Medium	3.50	30.00	250.00

DICENTRA SPECTABILIS (Old-Fashioned Bleeding Heart). Large heart-shaped pink flowers on gracefully drooping branches, early spring.

3 to 5 eye divisions	4.50	40.00	—
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POLYGONUM REYNOWTRIA. Attractive ground-cover with pink blossoms. Foliage turns bronzy-red in Autumn.

2¼ inch pots	2.50	20.00	—
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PLUMBAGO LARPENTAE (Lead Plant). Dwarf spreading plant not over 6 to 8 inches high. Deep blue flowers, attractive foliage. Good border plant and desirable ground cover.

2 inch pots	2.00	18.00	—
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SEDUM SIEBOLDI (Stonecrop). Creeping plant with blue foliage and pink flowers. Excellent rock garden plant. We consider one of the best of the Sedums.

3 inch pots	3.00	25.00	—
2 inch pots	1.90	16.00	—

SEMPERVIVUM GLAUCUM (Hen and Chickens). Glaucous rosettes of leaves with slightly reddish-brown tips. Red flowers.

2½ inch pots	1.80	15.00	—
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SPIREA BLUE (See Caropteris)

VINCA (Periwinkle)

Minor. Shiny dark green foliage and blue flowers. Grows flat on the ground and makes an excellent ground cover.

3 inch pots	2.50	22.00	200.00
2 inch pots	2.00	18.00	160.00

Minor, Bowles Variety. Similar to V. Minor but with larger leaves and deeper blue flowers.

2 inch pots	2.50	20.00	180.00
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Minor Rubra. Similar to Bowles, but the flowers are an attractive mahogany-red.

2 inch pots	2.50	22.00	200.00
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liners that live TRADE MARK and Grow

SHRUBS
VINES
BROADLEAF EVERGREENS
EVERGREEN GRAFTS

SHADE TREES
ORNAMENTAL TREES
EVERGREENS
FRUIT TREE STOCK

LINING-OUT STOCK

Better stands. Pot plants have a better root system and stand the shock of transplanting better than bare root stock. You get better stands; it costs you less per plant care for them in the field; you have more finished stock to sell.

Better growth. Pot plants start off quicker and make a better first season growth; thus they are ready to market sooner.

You can plant later. Pot plants can safely be set out in the field much later than bare root stock. This gives you more planting time in your busy season. With irrigation you can plant nearly all summer.

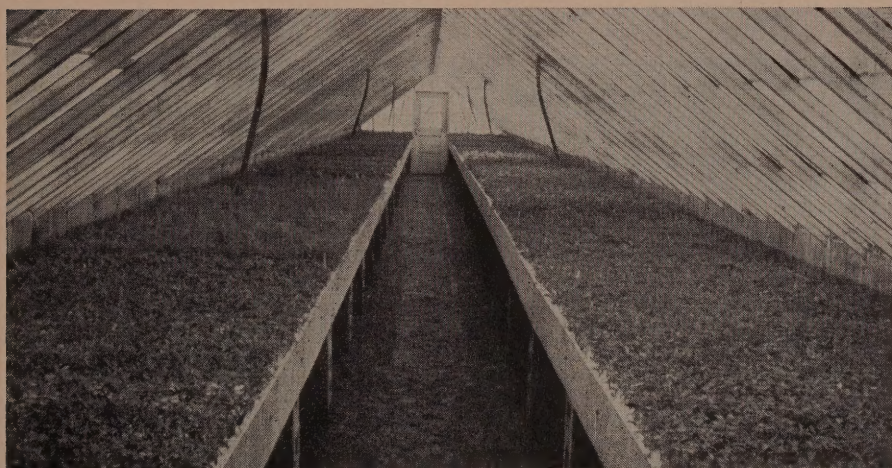
Minimum Quantities. Please do not order less than 25 of any one plant. 300 of any one variety supplied at 1,000 rate.

SHRUBS

	Per 100 Each	Per 1000 Each
BERBERIS (Barberry)		
Mentorensis, 2¼ inch pots	.25	.20
Redleaf, 2 year seedlings, 9 to 12 inches	.12	.10
CALLICARPA (Beautyberry)		
Dichotoma, 2¼ inch pots	.18	.16
CHAENOMELES (Flowering Quince)		
Lagenaria, Glowing Ember, layers	.12	.10
CORNUS		
Kelsey's Dwarf, 2½ inch pots	.18	.16
COTONEASTER		
Divaricata, 2¼ inch pots	.20	.18
DESMODIUM		
Penduliflorum, 2½ inch pots	.20	.18
DEUTZIA		
Corymbosa, 2½ inch pots	.18	.16
EUONYMUS		
Alatus compactus, 3 inch pots	.25	.20
Alatus compactus, 2¼ inch pots	.18	.16
FORSYTHIA (Golden Bell)		
Goldleaf (New), 2¼ inch pots	.18	.16
Lynwood Gold, 2¼ inch pots	.18	.16
Spring Glory, 2¼ inch pots	.18	.16
Viridissima Bronxensis, 2 inch pots	.18	.16

LINING OUT STOCK

SHRUBS (Continued)	Per 100 Each	Per 1000 Each
HYPERICUM		
Kalmianus, 2¼ inch pots	.18	.16
LAGERSTROEMIA (Crapemyrtle)		
Hewitt's Rose, 2¼ inch pots	.18	.16
William Toovey, 2¼ inch pots	.20	.18
LONICERA (Bush Honeysuckle)		
Tatarica, Wheeling, 2¼ inch pots	.18	.16
PHILADELPHUS (Mockorange)		
Coronarius, 2¼ inch pots	.17	.15
PHYSOCARPUS (Ninebark)		
Opulifolius nana, 2¼ inch pots	.18	.16
PRUNUS		
Besseyi (Hansen Bush-Cherry)		
2 to 3 feet, seedlings	.08	.07½
18 to 24 inches, seedlings	.06	.05
12 to 18 inches, seedlings	.04	.03
6 to 12 inches, seedlings	.03	.02½
QUINCE (See Chaenomeles)		
SPIREA		
Anthony Waterer, 2¼ inch pots	.19	.17
Japonica Coccinea, 2 inch pots	.20	.18
SYRINGA (Lilac)		
Rothomagensis, Pink Flowered, 2¼ inch pots	.20	.18
VIBURNUM		
Opulus, 2½ inch pots	.18	.16
Opulus sterilis, 2¼ inch pots	.18	.16
WEIGELA		
Java Red, 2¼ inch pots	.20	.18
Newport, 2½ inch pots	.18	.16
Rosea, 2¼ inch pots	.18	.16



View in one of our propagating houses.

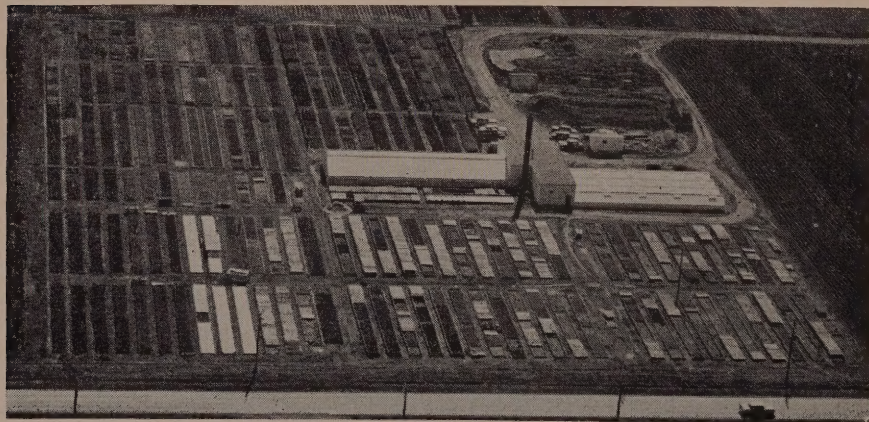
LINING OUT STOCK VINES AND GROUND COVERS

	Each Per 10	Each Per 100
AJUGA		
Reptans, 3 inch pots	.22	.20
Reptans, 2 inch pots	.18	.16
Pyramidalis, 2 inch pots	.20	.18
CELASTRUS (Bittersweet)		
Scandens (Fruiting strain) 2 inch pots	.18	.16
CLEMATIS		
Paniculata, 2 inch pots	.17	.15
Tangutica, 3 inch pots	.25	.22
EUONYMUS		
Fortunei coloratus, 3 inch pots	.35	.30
Fortunei coloratus, 2 inch pots	.20	.16
Fortunei minimus, 3 inch pots	.35	.30
Fortunei minimus, 2 inch pots	.25	.20
LONICERA (Honeysuckle)		
Goldflame, 2¼ inch pots	.18	.16
Japonica halliana, 3 inch pots	.22	.20
Japonica halliana, 2 inch pots	.14	.12
Redgold (Tellmanniana) 2¼ inch pots	.20	.18
Yellownet, 2 inch pots	.18	.16
PLUMBAGO		
Larpentae, 2 inch pots	.18	.16
VINCA		
Minor, 3 inch pots	.22	.20
Minor, 2 inch pots	.18	.16
Minor, Bowles, 2 inch pots	.20	.18
Minor Rubra, 2 inch pots	.22	.20

SHADE AND ORNAMENTAL TREES

ACER SACCHARINUM (Soft Maple)

	Per 100	Per 1000
2 to 3 feet	7.50	65.00
18 to 24 inches	5.00	45.00
12 to 18 inches	4.00	35.00



Aerial view of our propagating greenhouses and beds of "Liners that Live."

LINING OUT STOCK

SHADE AND ORNAMENTAL TREES (Continued)

CATALPA SPECIOSA (Western Catalpa)		Per 100	Per 1000
18 to 24 inches	.....	4.50	40.00
12 to 18 inches	.....	3.50	30.00

CELTIS OCCIDENTALIS (Hackberry)			
2 to 3 feet	.....	6.50	60.00
18 to 24 inches	.....	5.00	45.00
12 to 18 inches	.....	3.50	30.00
6 to 12 inches	.....	2.50	20.00

COTTONWOOD, COTTONLESS (See Shade Trees)

ELAEOAGNUS ANGUSTIFOLIA (Russian Olive)			
2 to 3 feet	.....	8.00	75.00
18 to 24 inches	.....	6.00	55.00
12 to 18 inches	.....	4.50	40.00

ELM (See Ulmus)

GLEDITSIA TRIACANTHOS INERMIS (Thornless Honeylocust)			
2 to 3 feet	.....	5.50	50.00
18 to 24 inches	.....	4.00	35.00
12 to 18 inches	.....	3.00	25.00
6 to 12 inches	.....	2.50	20.00

MORUS ALBA TATARICA (Russian Mulberry)			
18 to 24 inches	.....	4.00	35.00
12 to 18 inches	.....	3.00	25.00

POPULUS (Poplar) (See Shade Trees)

PRUNUS BESSEYI (See Shrub Lining-out Stock)

PRUNUS ARMENIACA (Apricot)			
3 to 4 feet	.....	8.00	75.00
2 to 3 feet	.....	6.50	60.00
18 to 24 inches	.....	5.50	50.00
12 to 18 inches	.....	3.50	30.00

QUERCUS BOREALIS (Northern Red Oak)			
4 to 5 feet	.....	35.00	—
3 to 4 feet	.....	22.00	180.00
2 to 3 feet	.....	17.00	140.00
18 to 24 inches	.....	12.00	100.00
12 to 18 inches	.....	8.00	75.00

QUERCUS PALUSTRIS (Pin Oak)			
3 to 4 feet	.....	22.00	180.00
2 to 3 feet	.....	17.00	140.00
18 to 24 inches	.....	12.00	100.00
12 to 18 inches	.....	8.00	75.00
3 inch pots	.....	15.00	—

PIN OAK
(*Quercus Palustris*)

Root-pruned, field-grown trees at low prices. Nice straight trunks with good caliper for the height. Ideal for canning or potting for cash and carry sales. Also desirable for lining-out to gain time in producing large trees for landscape planting.

Height	Minimum Caliper	Per 10	Per 100
5 to 6 feet	$\frac{3}{4}$ inch	11.50	100.00
4 to 5 feet	$\frac{5}{8}$ inch	8.50	75.00
3 to 4 feet	$\frac{7}{16}$ inch	5.50	50.00
2 to 3 feet	$\frac{3}{8}$ inch	3.00	25.00

LINING OUT STOCK

SHADE AND ORNAMENTAL TREES (Continued)

	Per 100	Per 1000
QUERCUS RUBRA (<i>Q. borealis maxima</i>) (Eastern Red Oak)		
12 to 18 inches	15.00	120.00
6 to 12 inches	10.00	80.00
ROBINIA PSEUDOACACIA (Black Locust)		
3 to 4 feet	6.50	60.00
2 to 3 feet	5.00	40.00
18 to 24 inches	3.50	30.00
12 to 18 inches	2.50	22.00
ULMUS AMERICANA (American Elm)		
18 to 24 inches	4.50	40.00
12 to 18 inches	3.50	30.00
ULMUS CARPINUS (Var. Christine Buisman)		
2 inch pots	35.00	300.00
ULMUS PUMILA (Chinese Elm)		
3 to 4 feet	8.00	75.00
2 to 3 feet	5.50	50.00
18 to 24 inches	4.50	40.00
12 to 18 inches	3.50	30.00

FRUIT TREE SEEDLINGS

APPLE SEEDLINGS

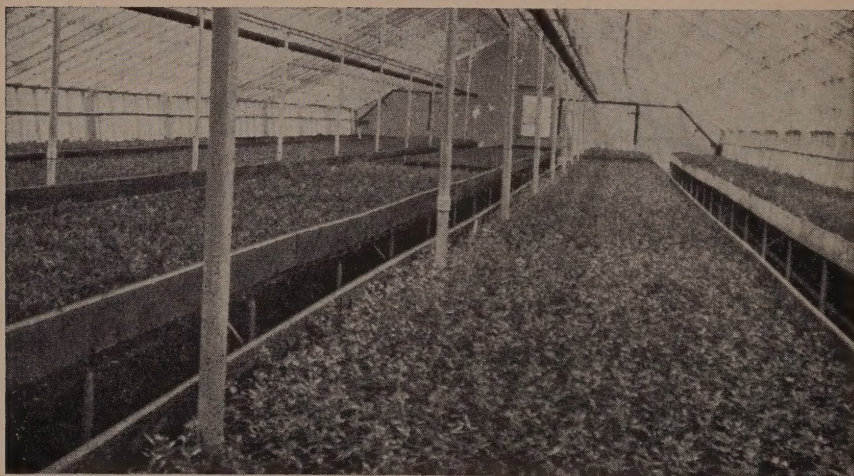
Special Grade, 3/16 inch and up, straight collar, short roots. Ideal for whole-root grafting.	4.50	35.00
No. 3, about 2/16	3.50	25.00

APRICOT SEEDLINGS (*Prunus armeniaca*)

3 to 4 feet	8.50	75.00
2 to 3 feet	6.50	60.00
18 to 24 inches	5.50	50.00
12 to 18 inches	4.00	35.00

CHERRY SEEDLINGS (*Prunus Mahaleb*)

No. 1, 3/16 to 1/4 inch (virus-free)	5.00	40.00
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Large greenhouse where our potted liners are hardened off before transferring to outside beds.

LINING OUT STOCK

FRUIT TREE SEEDLINGS (Continued)

	Per 100	Per 1000
PEACH SEEDLINGS		
3 to 4 feet	5.00	45.00
2 to 3 feet	4.00	35.00
18 to 24 inches	3.00	25.00
PEAR SEEDLINGS (Pyrus Calleryana)		
¼ inch and up	6.50	60.00
No. 1, 3/16 to ¼ inch	6.00	55.00
No. 2, 2/16 to 3/16	5.50	50.00
No. 3, about 2/16 inch	4.50	40.00
PLUM SEEDLINGS (Prunus Besseyi) (For dwarfing plums and peaches)		
2 to 3 feet	8.00	75.00
18 to 24 inches	5.50	50.00
12 to 18 inches	3.50	30.00
6 to 12 inches	3.00	25.00

EVERGREENS

	Per 100 Each	Per 1000 Each
JUNIPERUS (Juniper)		
Chinensis pfitzeriana, 2¼ inch pots	.22	.20
Chinensis pfitzeriana, Golden, 2¼ inch pots	.22	.20
Communis depressa plumosa, 2¼ inch pots	.22	.20
Excelsa stricta, 2¼ inch pots	.22	.20
Glauca hetzi, 2¼ inch pots	.20	.18
Kosteri plumosa, 2¼ inch pots	.22	.20
Sabina, 2¼ inch pots	.22	.20
Sabina vonehron, 2½ inch pots	.22	.20
TAXUS (Yew)		
Cuspidata, 2½ inch pots	.22	.20

For liners of upright Junipers, see Juniper Grafts

BROADLEAF EVERGREENS

	Per 100 Each	Per 1000 Each
COTONEASTER		
Divaricata, 2¼ inch pots	.20	.18
Horizontalis, 2¼ inch pots	.22	.20
EUONYMUS		
Dupont, 2 inch pots	.22	.20
Fortunei, 2 inch pots	.22	.20
Fortunei coloratus, 3 inch pots	.35	.30
Fortunei coloratus, 2 inch pots	.18	.16
Fortunei minimus, 3 inch pots	.30	.25
Fortunei minimus, 2 inch pots	.25	.20
Fortunei sarcocoe, 2 inch pots	.22	.20
Fortunei vegetus, 2 inch pots	.22	.20
Manhattan, 2 inch pots	.22	.20
Patens, large leaf, 2 inch pots	.18	.16
LONICERA YUNNANENSIS (Yunnan Honeysuckle)		
2 inch pots	.22	.20
PYRACANTHA (Firethorn)		
Coccinea lalandi, 2½ inch pots	.22	.20
Coccinea pauciflora, 3 inch pots	.25	.22
Coccinea pauciflora, 2¼ inch pots	.20	.18
Coccinea, Vincent's, 2½ inch pots	.22	.20
Coccinea wyatti, 2½ inch pots	.22	.20
Kasan, 2½ inch pots	.22	.20

JUNIPER GRAFTS

Our grafts are made by skilled workmen using our new up-to-the-minute propagation plant. Our method of grafting has done away with the old fashioned "sweat boxes" resulting in stronger, healthier grafts.

We use *Juniperus virginia* understock, but *Juniperus glauca* hetzi is available for those who prefer it.

SPECIAL SERVICE

For an additional 5¢ per graft, we will, upon preparing grafts for shipment, remove the rubber ties and tape the unions with masking tape. This strengthens the unions and does not need to be removed because it will rot off after planting.

\$65.00 per 100; \$600.00 per 1000

(300 alike or assorted at 1000 rate)

Minimum order: 25 of any one variety.

Spring delivery.

CHINENSIS VARIETIES

Ames	Keteleeri
Columnaris, Blue	Maneyi
Iowa	

SCOPULORUM VARIETIES

Blue-Green	Pathfinder
Blue-Heaven	Steel-Blue
Chandler	Sutherland
Cologreen	Welch
Moffet	
Gray Gleam, Pat. No. 848 @ \$1.00	

VIRGINIANA VARIETIES

Burki	Henryi
Canaerti	Hilli (Dundee J)
Cupressifolia	Keteleeri
Deforest Green	Manhattan Blue
Glauca	

JUNIPERUS SCOPULORUM PLATINUM

(Plant Patent No. 1070)

New! Recently introduced by us. Brilliant silvery-blue color retained the year around. Dense foliage, requiring very little shearing to make compact and symmetrical. It has never blighted with us.

GRAFTS \$1.00 each



FRUIT TREES

The height given for fruit trees is approximate and represents the average height for most varieties. It is intended that the caliper shall govern.

Fruit trees are tied in bundles of 10 for 11-16 and 9-16; bundles of 20 for 7-16 and 5-16. Order in full bundles.

APPLES

TWO YEAR GRAFTS

	Per 10	Per 100	Per 1000
1 inch and up, 5 feet and up	11.00	100.00	—
11-16 to 1 inch, 4½ feet and up	9.50	90.00	850.00
9-16 to 11-16 inch, 4 feet and up	8.50	80.00	750.00
7-16 to 9-16 inch, 3 feet up	6.50	60.00	—
5-16 to 7-16 inch, 2 feet up	4.00	35.00	—

S. Summer; F. Fall; W. Winter; C. Commercial; H. Home

- ✓ Anoka. S. H. Red, mottled yellow. ✓ McIntosh Dark Red. W. C. Red.
 ✓ Delicious, Dark Red. W. C. H. Red. ✓ Winesap. W. C. Red.
 ✓ Delicious Yellow. W. C. Yellow. ✓ Yellow Transparent. S. H. Yellow.
 ✓ Jonathan, Dark Red. W. C. H. Red.

MULTIPLE APPLES

Dormant budded on 2 year old, branched trees of Yellow Delicious. Heavy growth on all varieties budded which include Red Jonathan, Red Stayman, Anoka, Dark Red Delicious, Yellow Transparent.

Three Year

	Per 10	Per 100	Per 1000
5 in 1, 1 inch and up	22.50	200.00	—
5 in 1, 11/16 to 1 inch	18.50	175.00	1600.00
5 in 1, 9/16 to 11/16 inch	16.50	150.00	—
4 in 1, 1 inch and up	16.50	150.00	—
4 in 1, 11/16 to 1 inch	14.50	135.00	—
4 in 1, 9/16 to 11/16 inch	12.00	100.00	—

DWARF APPLES

Three Year

	Per 10	Per 100
11/16 inch and up	17.50	160.00
9/16 to 11/16 inch	15.00	140.00
7/16 to 9/16 inch	13.50	120.00
Delicious, Dark Red		

CHERRIES—SOUR

TWO YEAR on Mahaleb

	Per 10	Per 100	Per 1000
1 inch and up, 4 feet and up	15.00	135.00	—
11-16 inch and up, 3½ feet and up	12.00	110.00	1000.00
9-16 to 11-16, 3 feet and up	9.50	90.00	850.00
7-16 to 9-16 inch	8.00	75.00	700.00
Early Richmond. Dark red, early. ✓ Montmorency. Dark red, midseason.			

CHERRIES—SWEET

TWO YEAR

	Per 10	Per 100	Per 1000
1 inch and up, 5 feet and up	17.50	160.00	—
11-16 to 1 inch, 4½ feet and up	15.00	135.00	—
9-16 to 11-16 inch, 4 feet and up	12.50	110.00	—
✓ Kansas Sweet			

FRUIT TREES (Continued)

DWARF CHERRY			
	Per 10	Per 100	
11/16 inch and up	14.00	125.00	
9/16 to 11/16 inch	11.00	100.00	
7/16 to 9/16 inch	9.00	80.00	
✓ Meteor		North Star	

PEACHES

ONE YEAR BUDS

	Per 10	Per 100	Per 1000
1 inch and up, 5 feet and up	9.00	85.00	—
11-16 to 1 inch, 4½ feet and up	8.00	75.00	700.00
9-16 to 11-16 inch, 4 feet and up	7.00	65.00	600.00
✓ 7-16 to 9-16 inch, 3 feet and up	6.00	55.00	500.00
✓ Champion. White, midseason, free.		✓ Golden Jubilee. Yellow, early free.	
✓ Early Elberta. Yellow, midseason.		✓ Halehaven, Yellow, early, free.	
✓ Elberta. Yellow, midseason, free.		✓ J. H. Hale. Yellow, midseason, free.	

DWARF PEACHES

	Per 10	Per 100
11/16 inch and up	14.00	125.00
9/16 to 11/16 inch	11.00	100.00
Elberta		J. H. Hale



2-year-old Sour Cherries in our fields.

FRUIT TREES (Continued)

PEARS

	Per 10	Per 100	Per 1000
Two Year			
1 inch and up, 5 feet and up	13.00	120.00	—
11-16 to 1 inch, 4½ feet and up	11.00	100.00	—
9-16 to 11-16 inch, 4 feet and up	9.00	85.00	—
7-16 to 9-16 inch, 3 feet and up	7.50	70.00	—
4 to 5 feet, whips	7.00	65.00	—
3 to 4 feet, whips	5.00	45.00	—
✓ Bartlett. Sept., highest quality.	✓ Kieffer. Oct., cooking variety.		
✓ Douglas. Bears every year.	✓ Seckel. Oct., highest quality.		

PLUMS

11-16 inch and up, 4½ feet and up	11.00	100.00	—
9-16 to 11-16 inch, 4 feet and up	9.00	85.00	—
7-16 to 9-16 inch, 3 feet and up	7.50	70.00	—
✓ 5-16 to 7-16 inch, 2 feet and up	5.00	45.00	—
✓ Burbank. Dark red, early.	✓ Sapa. Dark purple, very early.		
✓ Compass. Cherry-plum.	✓ Waneta. Red, heavy bearer.		

DWARF PLUMS

	Per 10	Per 100
11/16 inch and up	16.50	150.00
9/16 to 11/16 inch	14.50	135.00
Burbank		Sapa

APRICOTS

	Per 10	Per 100	Per 1000
11-16 inch and up, 4½ feet and up	12.00	110.00	—
9-16 to 11-16 inch, 4 feet and up	10.00	90.00	—
7-16 to 9-16 inch, 3 feet and up	7.50	70.00	—
5-16 to 7-16 inch, 2 feet and up	5.00	45.00	—
✓ Superb. Hardy northern variety.			

FRUITING ALMOND

✓ **Hall's Hardy Fruiting.** Can be grown wherever Peach trees will grow. Rapid growing, bears young. Large fine quality nuts. Attractive bloom, deep green foliage.

6 to 8 feet	19.00	175.00	—
5 to 6 feet	16.50	150.00	1350.00
3 to 4 feet	11.00	100.00	900.00
2 to 3 feet	7.50	70.00	—

NECTARINE

1 inch and up, 5 feet and up	15.00	135.00	—
11-16 to 1 inch, 4½ feet and up	13.00	120.00	—
9-16 to 11-16 inch, 4 feet and up	11.00	100.00	—
✓ 7-16 to 9-16 inch, 3 feet and up	7.50	70.00	—
✓ Surecrop			

SMALL FRUITS

GRAPES

	Per 10	Per 100
✓ CATAWBA. Purplish-red, late, sweet and rich.		
2 year, No. 1	3.00	25.00
✓ CONCORD. Large, black midseason; keeps 1 to 2 months.		
2 year, No. 1	2.50	20.00
✓ FREDONIA. Early, black, good quality, bears heavily.		
2 year, No. 1	3.00	25.00
✓ NIAGARA. Large yellowish-green, midseason.		
2 year, No. 1	3.00	25.00

BLACKBERRIES

	Per 100	Per 1000
✓ EL DORADO. Early, midseason, long fruiting season.		
No. 1	7.00	65.00

RASPBERRIES

✓ CUMBERLAND. Black, midseason, sweet, rich.		
No. 1 tips	8.00	75.00
✓ LATHAM. Red, very large, long fruiting season.		
No. 1 suckers	9.00	85.00

CURRANTS

	Per 10	Per 100
✓ RED LAKE. Red, extra large, superior quality.		
2 year, No. 1	3.00	25.00

GOOSEBERRIES

✓ HOUGHTON. Dark red, very productive.		
2 year, No. 1	4.00	35.00

GARDEN ROOTS

ASPARAGUS.	Per 100	Per 1000
Washington	2.50	22.00

RHUBARB.

Chipman's Canada Red. Strong divisions.	Per 10 4.50	Per 100 38.00
Giant Victoria. Whole roots.	Per 100	Per 1000
1½ to 2 inch	12.50	110.00
1 to 1½ inch	10.00	85.00

"OPERATING A GARDEN CENTER"

by John J. Pinney

☆ 25 Chapters ☆ 125 Pages ☆ 61 illustrations

This book covers all phases of garden center operation. It will help those who are planning to build a garden center to avoid many mistakes. Those who have established garden centers will find in it many ideas for the more profitable operations of their business.

Bound in a handsome, green plastic cover and printed on heavy white enameled stock.

\$3.00 per copy, postpaid**"BEGINNING IN THE NURSERY BUSINESS"**

by John J. Pinney

Second Edition**Revised and much enlarged**

A 64-page book with chapters devoted to garden centers, landscape nurseries, mail-order nurseries, agency nurseries, container-grown stock, financing, and record-keeping.

\$1.00 per copy, postpaid**WILT-PRUF****WILT-PRUF**

Wilt-Pruf is a liquid plastic. When plant materials are sprayed or dipped in Wilt-Pruf, they are enclosed in a colorless protective plastic film which brings out the inherent beauty of the plant and then performs the important duty of protecting the plant against such menaces as drying out when indoors, or winter-burn and summer-scald when out-doors.

5 gallon cans	\$30.75
1 gallon glass jugs (mailable)	7.00
1 quart bottle	2.20
8 oz. glass container with plunger type dispenser	.89
f.o.b. Ottawa	

WATER BREAKER

Rex Aquaflo. The only water breaker that gives your soil a bubble-bath. The best device we have ever found for watering pots and cans without splashing. Made of cast aluminum. Fits any standard coupling for 5/8 inch hose.

Each (postage extra) **\$3.50**

Globe Willow



(See Page 32)

Supplies For Nurserymen and Florists

PRICES on all supplies subject to change without notice.

TERMS on all supplies are net cash with order.

Budding Strips. Rubber. Write for price list.

New Garden Encyclopedia (1959 edition). A complete, practical and convenient guide to every detail of gardening. Illustrated with 250 half-tones and more than 500 line drawings, 1,380 pages. Postpaid. _____ \$7.50

Platebook, New. 64 pages of full color illustrations and descriptions of shrubs, evergreens, shades and ornamentals, hedges, roses, perennials, and bulbs, postpaid—each. _____ 3.50

Catalogue Plate Book. 48 pages, 95 plates, 82 in colors, postpaid. _____ .50

Calipers, Tree. Measures fraction of inch and millimeters, up to $\frac{3}{4}$ inch, postpaid. _____ each 1.25

Grafting Tape. 60-yard roll, $\frac{1}{2}$ inch wide. Per roll (postage extra). 1.10
25 rolls or more, not postpaid. _____ each 1.00

Labels, Tree. Wooden, notched, iron wire, $3\frac{1}{2}$ inch, plain, per 1000 not postpaid. _____ 4.50

Labels, Tree. Wooden, notched, copper wire, $3\frac{1}{2}$ inch, painted, per 1,000 not postpaid. _____ 5.00

Labels, Paper Strap.

Made of tough manila paper $6 \times \frac{1}{2}$ inches. Sold only in packages of 1,000; per 1,000 not postpaid. _____ 1.50

Labels, Pot. Wooden, $\frac{5}{8}$ inch wide.

	Packed in Carton	Plain Per 1,000	Painted Per 1,000
4 inch	1,000	3.50	4.25
5 inch	1,000	3.75	4.50
6 inch	1,000	4.10	4.80
8 inch	500	6.50	6.75
10 inch	500	7.40	9.00

Moss. Sphagnum, wire bound bales, per bale _____ 3.25

Nails, Nursery Pinning. Needlepoint, 2 inch. Per pound, not postpaid .30
50-lb. box, per 100 lbs., \$23.50, f.o.b. Ottawa, Kansas

Pencils. Waterproof, for labels and tags, per dozen, postpaid. _____ 1.25

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Cercis	2, 30-31	Poplar	29-30
Cherries	51-52	Privet	14
Clematis	15	Prunus	10, 30
Cornus	4	Purple Fringe	5
Cotinus	5	Quince, Flowering	4
Cotoneaster	5, 40	Redbud	2, 30-31
Crabs, Flowering	19-20	Rhubarb	54
Crapemyrtle	5	Russian Olives	6, 31
Deutzia	5-6	Shade Trees	18-32
Dogwood	4	Shrubs	1-13
Elms	20-23	Smoke Tree	5
Euonymus	6, 15, 39-41	Snowball	12
Euonymus Dupont	39	Spirea	10-11
Evergreens, Broadleaf	39-41	Sumac	10
Evergreens, Coniferous	33-38	Supplies	Inside back cover
Evergreen Grafts	50	Sweet-Gum	26
Forsythia	6-7	Sycamore	31
Fruit Trees	51-53	Tamarix	11-12
Grapes	54	Thorn	31
Hackberry	21	Tulip Tree	26
Hedge Plants	13	Viburnum	12
Honeylocust	21, 24-26	Vines	15-17
Honeysuckle, Shrubs	7	Weigela	12
Honeysuckle, Vines	16	Willows	13, 32
Hydrangea	7-8	Wilt-Pruf	55
Junipers	33-38	Wisteria	17

Wholesale Price List

Spring 1961

WILLIS NURSERY COMPANY
Ottawa, Kansas